

**THE FIELD MUSEUM
2006 ANNUAL REPORT TO THE
BOARD OF TRUSTEES**

COLLECTIONS AND RESEARCH

Office of Collections and Research, The Field Museum
1400 South Lake Shore Drive
Chicago, IL 60605-2496 USA
Phone (312) 665-7811
Fax (312) 665-7806
<http://www.fieldmuseum.org>

- This Report Printed on Recycled Paper -
March 19, 2007

CONTENTS

2006 Annual Report	3
Committee on Science of the Board of Trustees	11
Staff List	12
Publications, 2006.....	17
Active Grants.....	37
Conferences, Symposia, Workshops and Invited Lectures, 2006	53
Museum and Public Service, 2006	61
Fieldwork and Research Travel, 2006	71
Public Education and Outreach, 2006	76
Higher Education, 2006.....	87
Training Programs, 2006	94
Collections and Research Interns, 2006	98
Resident Graduate Students, 2006.....	100
Collections and Research, 2006	101
Honorary Appointments, 2006	103
Collection Statistics, 2006	110
Field Museum Press	114
The Pritzker Laboratory for Molecular Systematics and Evolution	115
Scanning Electron Microscope	116
Scholarship Committee	117

COLLECTIONS AND RESEARCH – 2006 ANNUAL REPORT

In 1893 Edward E. Ayer, railroad tycoon and The Field Museum's first president, sat in the office of Marshall Field, trying to convince him to underwrite the creation of a permanent natural history museum from the specimens assembled for the World's Columbian Exposition. "From the perspective of natural history, you have the privilege of being the educational host to the millions of people who will follow us in the Mississippi Valley," he argued, and urged Field to consider the region's children, who "haven't the remotest opportunity of learning about the ordinary things they see and talk about and hear about every day of their lives." Three years later, Zoology curator Daniel Giraud Elliot, writing from present-day Somalia on the first-ever Africa expedition mounted by a U.S. museum, recounted the expedition's successes to Museum Director Frederick Skiff, noting "we will make the Field Columbian Museum lick all creation as a scientific museum and a Mecca for all naturalists to visit."

110 years later, The Field Museum stands as a testament to those two distinct, yet intertwined visions: a world-class institution of research, and a unique destination for public education. The opening lines of the Museum's mission statement put it well (if a little less colorfully):

The Field Museum is an educational institution concerned with the diversity and relationships in nature and among cultures. It provides collection-based research and learning for greater public understanding and appreciation of the world in which we live.

Education grounded in collections-based research. As the research institute within the Museum we shorthand our scope as "Collections and Research," but as scientists we are also deeply devoted to education and training the next generation of scientists. Our education and outreach focus is visible everywhere in the public museum, with 340,000 feet of exhibitions devoted to illuminating the natural world for our millions of visitors. Field Museum scientists not only provide content for our exhibits and public programs, they are also deeply involved in training tomorrow's professional scientists. They do this in the Museum, in university classrooms, at field sites, and at institutions both domestic and overseas. Virtually every aspect of our work contributes to building a knowledge base about the natural and cultural world. Every aspect of Collections and Research that we highlight in these pages year after year—the research, the collections, the labs, fieldwork, grantsmanship—encompass education and training as integral components. Further, our educational outreach is unique in its breadth among all Midwestern academic institutions in that we reach the K–12, undergraduate, and graduate levels.

The primary drivers of our education efforts are the curators. Following in the footsteps of Elliot (an academic "star" in his day) the Field is still home to a superb, internationally renowned curatorial faculty. The term "faculty" is not merely honorific. Like their counterparts at a university, Field Museum curators are expected to conduct research and publish, but also contribute to the overall education mission of the institution. That includes acting as content specialists for our exhibitions (outreach to the general public), and working with our Education Department (K–12 and adult and family programs) when called on to do so. As at a university, they must perform at an outstanding level in order to gain tenure (career status for their position). In 2006, several of our curators were promoted from Assistant Curator to the rank of Associate Curator with tenure.

In Anthropology, Ryan Williams and Antonio Curet were both promoted to Associate Curator with tenure. Ryan has been with the Museum for five years, during which time he has established himself as a major authority in Andean archaeology. He has received two NSF grants and a number of other research grants, published over 20 papers, and established a new major laboratory at the Museum (the Inductively Coupled Plasma/Mass Spectrometry lab) for precise elemental analysis of artifacts. Antonio, who started at the Museum in 2000, is a leading archaeologist of the Caribbean and is currently conducting excavations at Tibes in southern Puerto Rico, the earliest ceremonial center of the Caribbean. He has two recent books and numerous journal articles to his credit. His research has yielded new insights into the social organization and economy of domestic groups and how they related to the development of social inequality in ancient Puerto Rico. Ryan and Antonio are adjunct faculty at the University of Illinois Anthropology department, and advise many Ph.D. students and teach many courses there, and have been particularly committed to including students and interns in their fieldwork.

Thorsten Lumbsch of the Botany Department was also promoted to Associate Curator with tenure during the past year, after three years at the Museum. Thorsten is a specialist in the study of lichens, a primitive group of plants involving a symbiotic relationship between fungi and algae. He is amazingly prolific, having published over 220 scientific papers, among the most recent being an article in *Nature* on the early evolution of fungi based on molecular data. Since his arrival Thorsten has supervised numerous postdoctoral scientists and grad students, and has taught courses at the University of Chicago and the University of Illinois at Chicago.

Also promoted to Associate Curator with tenure in 2006 was our dinosaur specialist, Peter Makovicky in the Department of Geology. During Pete's five years at the Museum, he has established himself as a leading authority in the systematics, evolution and comparative anatomy of non-avian dinosaurs. He has fieldwork projects in China, Mongolia, and the western United States, numerous publications, including eight in the prestigious journal *Nature*, two major research grants from the National Science Foundation, and has been very active in the training of students.

Maureen Kearney was also promoted to Associate Curator with tenure, in the Department of Zoology/Division of Amphibians and Reptiles. Maureen has been at the Field for five years, and is a noted expert on the morphology, systematics, and evolution of reptiles. Maureen has secured two major research grants from the NSF, brought in a major herpetological collection from Carl Gans (a well-known herpetologist of many years), and has maintained a vigorous rate of publication. She too is extremely active in education, advising two postdoctoral fellows, serving on five graduate student committees, and serving as an Adjunct Curator at the University of Chicago where she teaches regularly.

In addition to those promoted to Associate Curator in 2006, Chapurukha Kusimba was promoted to the rank of Full Curator in the Department of Anthropology. Chap is recognized as one of the leading Africanist archaeologists of his generation. He has maintained an ongoing archaeological and ethnological research program on the preindustrial trade relationships within the Old World, and he has had an active field program in Africa and Europe that is now expanding into India. Like his other colleagues in Anthropology, Chap holds an adjunct appointment and teaches in the University of Illinois at Chicago Anthropology Department, and has led an archaeology field school in Kenya for many years.

Our faculty is not only strong, but growing. In 2007 we will welcome a new Assistant Curator of Fishes, and searches are underway for curators of Insects, Fossil Plants, and Fossil Mammals. Each of our 38 curators hold adjunct appointments with at least one university, nearby and abroad, all serve on—or direct—one or more dissertation committees, and most are active in classroom teaching. Besides the 70 “Resident Graduate students” (those who conduct primary research and have offices at the Museum) supervised by Field Museum curators, there are another 80-odd graduate students at local and international institutions who can count at least one Field Museum curator as an advisor. In addition, our curators taught more than a dozen courses in 2006 at local universities—University of Chicago, University of Illinois at Chicago, and Northwestern—with courses including “Primate Evolution,” “Evolutionary, Environmental, and Conservation Biology,” “Quantitative Phylogenetics” and “Comparative Anatomy of the Vertebrates.”

Our formal relationships with both the University of Chicago and Northwestern (regarding teaching, advising, and deposit of specimens) date to the mid-1940s. The relationship with the University of Chicago has been particularly robust, most notably the long participation of Field Museum biologists and paleontologists in the Committee on Evolutionary Biology, where 21 FM scientists hold adjunct appointments, comprising nearly a third of the CEB faculty. The U of C-FM relationship was further strengthened in 2006 with Neil Shubin taking on a split appointment as Provost of Academic Affairs at The Field Museum and Associate Dean of Organismal and Evolutionary Biology at the University of Chicago. Neil is a widely-published paleontologist whose work has yielded new insights into the fin-to-limb transition in the early evolution of tetrapods (vertebrates that can walk on land). He has conducted fieldwork in Greenland, the High Arctic of Canada, Argentina, China, Morocco, Nova Scotia, and the deserts of the U.S. As Field Museum Provost and University of Chicago Associate Dean, Neil provides a unique perspective on external institutional relationships and on the strategic direction of the Museum's world-class research and training programs.

At its most fundamental level, scientific research facilitates education and training. The first recipients of the new theories and new discoveries we generate are our professional peers. During the past year the scientists in Collections and Research published more than 250 book chapters, peer-reviewed articles, and essays in popular publications. Those articles are read, discussed, assigned in graduate classes, and cited in subsequent research. All of this work ultimately weaves together to form a complex knowledge base and foundation for training programs in the natural and anthropological sciences. Every publication, whether the description of a new species of lichen, or new details about the lifeways of an ancient Peruvian culture, adds to that foundation.

And this knowledge should not be taken as an isolated, ivory tower endeavor. The research conducted by our scientists implicitly and sometimes explicitly helps build educational content for our exhibitions. The new permanent exhibition *Ancient Americas*, which is scheduled to open March 9, 2007, is a shining example. The first stage in the renovation of our Americas halls, this 19,000 square foot installation is squarely grounded in the research carried out by our archaeological faculty on the rise of complex societies. MacArthur Curator Jonathan Haas was the lead curator on the project, with major contributions from Curator Gary Feinman, and Associate Curators Ryan Williams and Antonio Curet. Almost exactly a year ago another spectacular permanent hall opened, *Evolving Planet*, which charts the evolution of life on earth over the last 600 million years; like *Ancient Americas*, *Evolving Planet* was a true collaboration between Field Museum scientists and the Exhibitions team, a forum for the latest scientific thinking on its subject, and a showcase for Field Museum research and collections. Likewise, groundbreaking DNA research carried out in the Pritzker Lab for Molecular Systematics and Evolution was highlighted in the Field-originated traveling exhibition *Gregor Mendel: Planting the Seeds of Genetics* (which runs through April 1, 2007)—case studies of “Modern Mendels” in the exhibition’s final section include the project led by Associate Curator of Birds Shannon Hackett on the evolutionary tree of birds, and Pritzker Lab Manager Kevin Feldheim’s ongoing studies of the mating patterns of lemon sharks in the Bahamas and Brazil. Among other major exhibition projects, Larry Heaney of Mammals is the lead curator the *Crown Family Playlab*, an early childhood learning center slated for opening in fall 2007.

Our papers in *Nature* and *Journal of Evolution* are echoed in our exhibits, as well as public lectures, and classrooms—indeed, many of our new discoveries are unveiled not just in specialized journals, but on the front pages of newspapers across the land. Examples of Field Museum research from 2006 that made headlines include a new genus of monkey (co-authored by Negaunee Collections Manager Bill Stanley of Zoology), a new fossil water buffalo (described by Curator Larry Heaney of Zoology and colleagues), a study of the evolution of Madagascar’s biodiversity (Field Biologist Steve Goodman of Zoology and colleagues), the “fish without feet,” *Tiktaalik*, discovered by Provost Neil Shubin and crew, and the case against the purported new hominid species (aka the “Hobbit”) from Flores, Indonesia (a team led by A. Watson Armour III Curator Robert Martin and Adjunct Curator Jim Phillips of Anthropology). In these and many other cases, today’s academic paper is tomorrow’s water-cooler talk—peer-reviewed research with popular impact—and thus of inestimable importance in deepening the public’s understanding of biodiversity and evolution.

Much of this research grows out of fieldwork—and our field sites are also “classrooms.” 2006 saw Field Museum scientists crisscrossing the globe, surveying biodiversity hotspots, documenting new species, or seeking out evidence of ancient life forms and past civilizations, as far away as Tibet and as close as Kankakee county, from the bitter cold of the Arctic to the coral atolls of Micronesia—and in the process, training young scientists. Fieldwork is instrumental in building that world knowledge-base—not just from the new flora and fauna or ancient cultural patterns it uncovers, but through up-close training that can only be had on an expedition. Training has long been part and parcel of museum expeditions, but in recent years it has taken on an added importance as we address several increasingly urgent needs: raising science literacy in K–12 students, strengthening the expertise of overseas scientists, and the increase of scientific knowledge about little-studied organisms.

Domestic field work and student training. Field training is especially valuable for young learners who are just whetting their appetites for science, and in addition to many research and collections internships (which can be reviewed in the “Training Programs” section of this report), the Field Museum hosts two notable programs that involve high school students in real field projects. Senior Vice President and Head

of Collections and Research Lance Grande leads a four-week intensive program in geology and evolutionary biology for advanced placement high school students and university undergrads. “Stones and Bones,” offered through the University of Chicago Graham School, kicks off in the classroom with an introduction to basic geology and evolutionary biology, and ends with a two-week field expedition to the Green River Formation in Wyoming, where the students get up close and personal with rock hammers and rock saws—the course has yielded hundreds of fossils including plants, insects, mammals, crocodiles, birds, lizards, turtles, and fishes. Entering its fourth season, the program has trained over 35 students, several of whom have since entered graduate programs in paleontology. Closer to home, Curator Chap Kusimba and Head of Collections Scott Demel (both Anthropology) launched the “Budding Archeologists” Field School program in Kankakee county in 2006, in which 22 sixth-, seventh- and eighth-grade students from Lorenzo R. Smith Elementary School in Hopkins Park got hands-on experience investigating the site of an African-American settlement dating back to the Reconstruction era. The students were involved in every aspect of an archaeological excavation, from mapping and surveying to digging. In the process of working this site the students unearthed not only material from the recent past, but evidence of prehistoric habitation dating to the Mississippian Period (900 to 1200 AD).

International fieldwork and student training. Another aspect of field-based training, particularly in foreign countries, is capacity-building: equipping in-country scientists with the know-how necessary to manage the conservation of their own resources. Amassing data on biodiversity is essential to conservation, but training of local personnel is critical for real impact. In this sense Museum-based research helps provide an educational legacy in the countries where we work. The Field has been a pioneer in such efforts. For example, Mammals Curator Larry Heaney, who has been studying the vertebrate biodiversity in the Philippines for more than two decades, has trained more than 50 young Filipino university biologists, park managers, and government officials in techniques for field biodiversity assessment, protected area and wildlife management, analysis of conservation priorities, and faunistics. Likewise, for more than 20 years The Field Museum and the Museo de Historia Natural, Universidad de San Marcos (Lima) have pursued joint zoological surveys in Manu Biosphere Reserve in southeastern Peru. MacArthur Curator of Mammals Bruce Patterson and Conservation Biologist Doug Stotz (ECP) have spearheaded the Field Museum part of the effort in recent years, producing diverse collections of mammals, birds and their ectoparasites, uncovering many new taxa, and training numerous Peruvian and American students. Four of the Peruvian student participants are now in Ph.D. programs in the U.S. or the U.K. Another established program, the Ecology Training Program at the Université d'Antananarivo (a joint Field Museum-World Wildlife Fund collaboration supported by the MacArthur Foundation), led by Field Biologist Steve Goodman of Zoology, has been providing field-based and classroom training for Malagasy graduate students since 1993. During that time more than 80 degrees have been granted, with graduates going on to jobs in the government and non-governmental organizations (NGO), creating a real impact on biological conservation on Madagascar. John Bates, Associate Curator of Birds and Chair of Zoology, has led a MacArthur-funded biodiversity capacity-building program in the Democratic Republic of Congo and Uganda for more than five years. One of its graduates, Charles Kahindo (formerly a resident graduate student at the Field, who gathered much of the data for his dissertation in the Pritzker Lab) completed his dissertation at Makerere University in Uganda in 2006, and returned to teach in his native Democratic Republic of Congo at the Institut Supérieur Pédagogique; another trainee from the DRC, Prince Kaleme, was accepted to the doctoral program at the University of Capetown. Meanwhile, Rick Ree, Assistant Curator in the Botany Department, is gearing up on a MacArthur-supported project aimed at building capacity for biodiversity research, conservation, and education in the eastern Himalayas. In summer 2006, Rick led seven students and staff from research institutes in Kunming and Lhasa on the first of three planned field trips in southern Tibet. Also in Botany, Curator Greg Mueller and Collections Manager and Adjunct Curator Robert Lücking have continued their training efforts aimed at Central American mycology students and young scientists. In spring 2006, Robert held a course on multivariate analysis of ecological data in Lima, Peru (Universidad Peruana Cayetano Heredia). The faculty of the Museum is training a new generation of scientists from all over the world. Step by step, student by student, the cumulative effect of these many long-term training efforts is enormous.

Our archaeological field projects also have a training dimension. Since 1995 a Field Museum-Shandong University team including Boone Associate Curator Anne Underhill and Curator Gary Feinman has been investigating the rise of civilization in a southeastern Shandong province, yielding significant new

information on the rise of civilization in a poorly known area of China. Equally significant, this program is building local scientific capacity through a strong commitment to training of local graduate students and colleagues from several areas of China. The collections and data gathered by the survey will facilitate advanced study by Shandong University colleagues and students, forming the basis for theses and dissertations, and thereby laying a foundation for the next generation of research in the Rizhao area of southeastern Shandong. Curator Chap Kusimba of Anthropology has led an archaeology field training school in Kenya for several seasons, and was recently awarded a grant from the National Science Foundation “Research Experience for Undergraduates” program for a project focusing on food production, pottery and metals on Mount Elgon, Kenya. Likewise, Associate Curator Ryan Williams initiated an archaeological field school in Southern Peru in 2006 in conjunction with the University of Illinois at Chicago. The Contisuyo Archaeological Field School, sponsored by The Field Museum and the Contisuyo Museum in Peru, trained three undergraduates in archaeological field methods last year, and up to 12 students from Chicago area universities will participate in the future. Similarly, Associate Curator Antonio Curet’s work in southern Puerto Rico regularly includes training of both American and Puerto Rican undergraduate and graduate interns and volunteer students.

The broad, concerted attention by Museum curators to training enhances the expertise of overseas colleagues and students, as well as broadening the experiences of our Chicago-based students. But the enrichment of the fieldwork experience also comes full circle to connect with the general public and K–12 school audiences, thanks to *expeditions@fieldmuseum*. This web-based outreach program (<http://www.fieldmuseum.org/expeditions/>) allows visitors virtual access to field trips with Field Museum scientists, highlighted by daily e-mails from field sites, interactive maps, photo galleries, and video. The Negaunee Foundation has supported the program from its inception in 2002. Since then *expeditions* has provided first-hand looks at deep-sea dives in the Pacific, fossil digs in Wyoming, archeology excavations in China, Chicago’s peregrine falcon population, and more. Registered “subscribers” number over 2,400, and include people in all 50 states as well as the UK, Australia, Japan, Canada, and, among the program’s most ardent fans, a large girls’ school in Ghana. Individual visitors to the site average over 2,500 monthly, with an average of 28,909 page views per month. The Field’s primary distance learning program, *expeditions* has been a singular and growing success. Within the Museum, an additional gift from Bob and Charlene Shaw funded the installation of an *expeditions* kiosk, located on the second floor balcony in the public Museum, that highlights the program for on-site visitors.

As might be gathered from the preceding paragraphs, grants from federal agencies and foundations make much of our research and concomitant training possible. Museum scientists racked up \$4.7 million in new support in 2006, making a total of nearly \$17 million in active grants. A few of the notable awards were:

- An award of \$406,912 to Brown Postdoctoral Fellow Carl W. Dick (Zoology/Insects & Mammals) from the National Science Foundation (NSF) for a project entitled “Digitization, Conversion, and Accessibility of The Field Museum’s Bat Fly Collection.” The Field Museum’s Insect Collection is the 5th largest in North America, and our holdings of ectoparasitic bat flies are the largest and best documented in the world; computerizing this data-rich collection will enhance the collection quality and utility for research and education.
- A three-year SSHRC (Social Sciences and Humanities Research Council of Canada) grant to Associate Curator Ryan Williams (Anthropology) in the amount of \$182,000 (Canadian) for Urban Archaeology at Tiwanaku; Ryan is also a co-PI on an NSF grant for “Interregional Trade and the Development of Archaic States,” which will support the survey of a little-known region between the well-documented colony of the ancient Tiwanaku state in Moquegua, Peru and its capital in the Titicaca Basin of Bolivia. The research will focus on how ancient states maintained trade routes with far-flung outposts in the period between 500 and 1000 AD when these polities first emerged.
- An NSF Planetary Biodiversity Inventory (PBI) grant (\$62,000 subcontract) to Associate Curator Petra Sierwald (Zoology/Insects) to complete a worldwide inventory of the spider family Oonopidae (tiny, fierce hunters that inhabit forest leaf litter). The project involves four institutions and 26 collaborators; at the Field, Petra will supervise a massive sorting effort of the extensive

bulk sample collection of the Insect Division, enabled by our diverse collections and the lab space created by the new Collections Resource Center.

- A grant from the Spanish bank BBVA (Euro 175,000) to Associate Curator Thorsten Lumbsch (Botany) and Research Associate Ana Crespo (Professor of Botany at Universidad Complutense, Madrid), to study the phylogenetic relationships of Mediterranean species in the lichen family Parmeliaceae. The project aims at elucidating the diversity of this widely distributed Mediterranean taxa using molecular markers.
- An NSF grant to Associate Curator Antonio Curet and former Collection Manager William Pestle (both Anthropology) of \$150,000 for analysis of bone chemistry of over 250 individuals from Puerto Rico. The ultimate goal of the research is a more refined understanding of subsistence strategies of the island's indigenous groups and the relationship of diet to other cultural and social indices observed in the archaeological record.
- A two-year NSF REU Site Grant of \$129,010 to Curator Chap Kusimba and Adjunct Curator Sibel Kusimba (both Anthropology) to conduct research on food production, pottery and metals on Mount Elgon, Kenya. Mt. Elgon is one of the most densely populated and ecologically and ethnically diverse areas in East Africa, and the project aims to uncover archaeological evidence of how its communities developed and integrated.
- From the Volkswagen Foundation, 255,600 (Euros) to Field Biologist Steve Goodman (Zoology/Mammals and Birds) for the first phase of a 10-year program entitled "Advancing Malagasy biologists: Capacity building for the next generation of conservation leaders." The program will involve collaboration with South African scientists, and is the first phase of a planned 10-year program. Steve was also PI on a major MacArthur grant (\$820,000) for "Advancement of conservation biology and the University of Antananarivo community," aimed at improving the physical infrastructure of conservation-oriented departments at the University, and supporting advanced degrees for its faculty.

Perhaps the most high-profile example of this concerted effort at training are two federally-funded efforts, the U.S. Department of Education's GAANN program (Graduate Assistance in Areas of National Need) and the National Science Foundation's PEET program (Partnerships for the Enhancement of Expertise in Taxonomy). The GAANN program addresses a recognized need for rigorously trained scientists in the biological and geological sciences to confront the environmental problems facing our world. Field Museum Curator Greg Mueller (Botany) worked closely with Dave Jablonski of the University of Chicago on a new collaborative GAANN grant. Funded at \$633,360, the program will immerse CEB students in a new, coordinated program designed to broaden their training through a series of integrated experiences, including cross-disciplinary courses focused on ecological and evolutionary biology, training from practicing scientists and policymakers, and intensive teaching and innovative internship opportunities. The PEET program targets a decline in scientific expertise in "whole organism" biology, by making major grants to support intensive studies of "under-studied" organisms, with training as a major component of each project, including support for postdoctoral scientists, graduate students, and undergraduate interns. The Field Museum has had five PEET projects since 1998, focusing on millipedes, staphylinid beetles, fungi, and mollusks. In addition, Bruce Patterson and Doug Stotz's Manu Biosphere project mentioned above was funded by NSF's Biotic Surveys & Inventories program. Another new NSF grant to Bruce and Brown Postdoctoral Fellow Carl Dick (Zoology/Insects and Mammals) and Research Associate Katharina Dittmar (Zoology/Mammals and University of Wyoming) on the phylogeny of the bat flies of the world will engage students from the Universidad de Puerto Rico in a course on interdisciplinary scientific research. It's also worth stressing that in addition to Steve Goodman's Madagascar endeavors, many of the capacity-building efforts noted above were supported by MacArthur, including Rick Ree's biodiversity research in Tibet, Larry Heaney's long-term Philippine efforts, and John Bates' Congo training programs.

Foundation and federal grants are the lifeblood of research and training at the Field, but gifts from individuals also significantly enhance the Museum's efforts to train the next generation of scientists. Our capacity to sponsor visiting scientists and graduate students was greatly enhanced in

2006 thanks to a bequest from Isabelle Bass, who, with her husband Robert, had a historic commitment to bringing visiting scientists at the Field. The new bequest established a Robert O. Bass Fellowship for New Researchers that will provide support for advanced graduate students and early-career professionals.

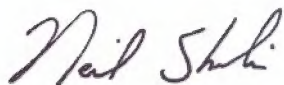
Resident postdoctoral scientists enrich the vitality of research at an institution like ours, and National Science Foundation-funded postdocs have long been a steady presence in Collections and Research. In 2006, due to the success of our curatorial faculty in grant writing and attracting top-notch talent, there were eight NSF-funded full-time postdoctoral positions in Collections and Research. The past few years have also seen an infusion of new funds from private individuals for support of postdoctoral positions. The latest example came in 2006 with the creation of the Bucksbaum Young Scientist Fund with a gift from Matt and Kay Bucksbaum, which is supporting Sushma Reddy, a Postdoctoral Scientist working with Associate Curator of Birds Shannon Hackett on “Early Bird,” an NSF-funded project aimed at resolving the evolutionary tree of life for all major lineages of birds. Sushma, an expert on the systematics and biogeography of Asian birds, has been analyzing a massive set of DNA data for this international collaborative effort, and the Bucksbaum support enables her to maintain her progress on the project. The Bucksbaum Fellowship marks the latest Museum postdoctoral program, beginning with the Boyd Fellowship in 2000, (funded by multiple donors in honor of former Field Museum President Sandy Boyd), the John Caldwell Meeker Fellowship in paleontology, established in 2003 with a gift from faithful Geology Department supporter Withrow C. Meeker, and the creation in 2005 of the Brown Fellowship in Mammals, thanks to a gift from Barbara E. and Roger O. Brown, long-time friends of the Zoology Department. Such investments in the development of beginning professional scientists have immeasurable payoffs for the scientists themselves, and the fields they work in, but also for the Museum. In collaborating with their curatorial supervisors, the postdocs raise the research profile of the Museum, enrich its intellectual capital, and keep its science vibrant.

Inevitably, much of the preceding discussion of training and grants involved fieldwork and collections. As one of our colleagues is fond of saying, “It all goes back to the collections”—“collections-based research” is what we do. We practice conservation biology in partnership with NGOs, we teach at universities, we train overseas colleagues in molecular techniques, but at the end of the day, we are also a museum. Our very first objects were assembled to educate the fairgoers of 1893; to this core over the past 113 years we have added millions of specimens, partly to further that public education mission, but primarily to fuel the research that expands our knowledge of the world. The collections reached almost 24 million specimens in 2006, with hundreds more added to the databases each day.

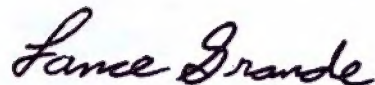
The bulk of this growth is the result of the thousands of new specimens brought back to the Museum from the field each year by our curators—but we frequently benefit from decades of collecting done by other institutions or individuals. Returning from fieldwork in south Florida last summer, Curator Rüdiger Bieler (Zoology/Invertebrates) picked up an orphaned land snail collection in South Carolina that is now being integrated into our Invertebrate collection. The collection of approximately 1,500 series and large numbers of anatomical slide preparations belonged to the late Glenn Webb, a college professor, well-known molluscan anatomist, and editor of the journal *Gastropodia*. The specimens include primary type material, and will become a most valuable addition to our already outstanding collection of North American mollusks. Similarly, the Division of Mammals (Zoology) received a portion of an orphaned research collection from the University of Illinois at Urbana-Champaign during the year. In total, Larry Heaney (Curator of Mammals) and Michi Schulenberg (Assistant Collection Manager) brought some 4,000 specimens from this collection back to the Field, including specimens from Africa, Asia, Canada, and the eastern U.S. The collection nicely complements our existing North American material, and includes especially valuable material from the Philippines and Kenya. Collections Manager Dan Summers and Assistant Collections Manager Jim Boone (both Zoology/Insects) traveled to Chico, California in late October to pick up collections of worldwide moths and butterflies (4,500 beautifully prepared specimens representing 925 species), and staphylinid beetles (5,000 specimens, containing 83 species, including 48 holotypes), both from David Kistner (California State University, Chico). David Kistner is also a Research Associate in Zoology’s Division of Insects.

As our opening quotations from Ayer and Elliot suggest, the very earliest rationale for building collections in natural history museums was public education and professional research. Today the collections still provide the foundation for both endeavors. Unlike the museum of 1894, of course, the great bulk of The Field Museum's collections are not on exhibit. Nevertheless, the collections housed behind the scenes serve a critically important research and education function. Our vast new Collections Resource Center, now complete, its labs and workrooms up and running, home to 2.25 million specimens and counting, reminds us that the Museum is an active resource of natural history and archaeological specimens for the world's scientists and educators. Each year hundreds of visiting scientists set themselves up in our collections to conduct research—last year, more than 600 individual researchers visited the Field Museum collections. And more than 56,000 specimens were sent out on loan. The value of our natural history collections to the national and international scientific community as a library of real evidence of the world's natural and cultural evolution is astounding. But the total audience and impact of our collections is much broader. In addition to the hundreds of visiting scientists we welcome each year there are the university classes that are taught on site, one-off visits by college classes, behind-the-scenes programs through our Education Department, and Members' Nights. In all, tens of thousands of learners are enlightened and awed by our collections each year, and untold numbers of scholars and members of the public are able to virtually visit our collections as we increasingly make them accessible via the internet.

We are a natural history museum. By definition we are a repository of objects that serve as an empirical record of natural and cultural history. These objects are not simply dusty fragments and remains of past life and cultures. They constitute vital evidence of dynamic biological and social change. Our inventory of 24 million specimens is an inventory of data, including vast documentation of the earth's biodiversity, both past and present, and of the rise of complex societies. It includes everything from mysterious faces on pots, to curious bone formations, to microsatellite DNA markers. The collections are a legacy we inherited from the scientists that came before us, and a legacy that we add to with new specimens, ideas and discoveries. As such it is a unique and empirical educational legacy. The collections hold the keys to many unanswered questions about the evolution of life on earth, and the development of civilizations. As we investigate those questions, and share our growing knowledge with our peers and the public, we deepen the educational legacy that fulfills the core mission of our institution.



Neil H. Shubin
Provost
Academic Affairs



Lance Grande
Senior Vice President and Head
Collections and Research

COMMITTEE ON SCIENCE OF THE BOARD OF TRUSTEES

James J. Alexander
Mrs. T. Stanton Armour
Charles Benton
Susan Benton
Judith S. Block
Gail K. Boudreaux
Robin T. Colburn
Louis Delgado
James S. Frank
Wilbur H. Gantz III
Lewis S. Gruber
Richard M. Jones
Constance T. Keller
Randolph R. Kurtz
Hugo J. Melvoin
Robert A. Pritzker
John S. Runnells II
Adele S. Simmons
Maureen Dwyer Smith
Susan A. Willetts

Non-Trustee Members:

Henry T. Chandler
Janet Diederichs
Jean L. Baldwin Herbert
Kenneth P. Kaye
William J. Kirby
Withrow W. Meeker
Charles F. Nadler
George Rabb
Patricia Schnadig
Debra Yates

COLLECTIONS AND RESEARCH STAFF LIST

(* indicates staff who left their posts in the course of 2006)

Office of Collections and Research

Neil H. Shubin, Ph.D. Provost, Academic Affairs
*Robert D. Martin, Ph.D. Provost, Academic Affairs
Lance Grande, Ph.D. Vice President and Head, Collections and Research
Mark Alvey, Ph.D. Administrative Director, Academic Affairs
Deborah Bekken, Ph.D. Director, Government Affairs and Sponsored Programs
Lori Breslauer, J.D. Legal Affairs Coordinator
*Edna Davion, M.Sc. Research Assistant
*Scott Demel, Ph.D. Collection Project Coordinator
Victoria Fisher, M.A. *expeditions@fieldmuseum* Manager
Joanna McCaffrey Collections Database Architect
R. Carter O'Brien, B.A. Administrative Coordinator
Towanda Simmons Financial Coordinator

Department of Anthropology

Gary Feinman, Ph.D. Curator, Mesoamerican Anthropology and Chair
Bennet Bronson, Ph.D. Curator, Asian Archaeology and Ethnology
L. Antonio Curet, Ph.D. Associate Curator, Circum-Caribbean Anthropology
Jonathan Haas, Ph.D. MacArthur Curator, Anthropology of the Americas
Chapurukha Makokha Kusimba, Ph.D. Curator, African Archaeology and Ethnology
Robert D. Martin, Ph.D. A. Watson Armour III Curator, Biological Anthropology
John Edward Terrell, Ph.D. Regenstein Curator, Pacific Archaeology and Ethnology
Anne Underhill, Ph.D. Associate Boone Curator, Asian Archaeology
Alaka Wali, Ph.D. John Nuveen Company Curator
Patrick Ryan Williams, Ph.D. Associate Curator, Archaeological Science
Betsy Allaire, M.A. Assistant Conservator
Gordon Ambrosino, B.A. Collections Manager
Mavis Blacker Collections Assistant
Daniela Bono, B.A. Collections Assistant
Jonathan Paul Brown, M.S. Associate Conservator
Tatsumi Brown, B.A. Conservation Assistant
Sarah Coleman, B.A. Collections Assistant
*Katherine Craig, B.A. Collections Assistant
Nathan Craig, Ph.D. Postdoctoral Research Scientist
Scott Demel, Ph.D. Head of Collections Management
Laure Dussubieux, Ph.D. Lab Manager, LA-ICP-MS Facilities
Allison English, B.A. Collections Assistant
Tina Gessler, M.S. Assistant Conservator
Sophie Hammond-Hagman, B.A. Conservation Assistant
Evan Hawkins, B.A. Collections Assistant
Hildegard Heine, M.A.C. Assistant Conservator
Martina Hough Sr. Administrative Assistant
Nicole Ihnatiuk, B.F.A. Collections Assistant
April Kamp-Whittaker Collections Assistant
Jamie Kelly, M.S. Collections Manager
Marianne Klaus, B.A. Assistant Conservator
Lisa Labovitch, B.A. Collections Assistant
*Alison Lanski, B.A. Collections Assistant

Andrew Leith, B.S.	Collections Assistant
Gloria Levitt, B.A.	Assistant Registrar
Debbie Linn, M.A.C.	Associate Conservator
Kimberly Machovec-Smith, M.A.	Assistant Conservator
*Ed Maher, Ph.D.	Postdoctoral Research Scientist
*John Maniatis, M.A.	Collections Assistant
*Dorren Martin-Ross, M.A.	Registrar
Maxine McBrinn, Ph.D.	Americas Project Postdoctoral Research Scientist
*Meghan McFarlane, B.A.	Conservation Assistant
*Joanna Minderop, M.A.	Assistant Conservator
*Laura Myford, B.A.	Collections Assistant
*Stephen Nash, Ph.D.	Head of Collections
Laura Neufeld, B.F.A.	Conservation Assistant
Ruth Norton, M.S.	Chief of Conservation
*William Pestle, M.A.	Collections Manager
Christopher Philipp, B.A.	Collections Manager
Juliana Philipp, B.A.	Collections Assistant
Cheryl Podsiki, M.A.C.	Assistant Conservator
Carolyn Rauh, M.A.	Collections Assistant
*Katherine Ridgway, M.A.	Assistant Conservator
Helen Robbins, Ph.D.	Repatriation Specialist
Birgitta Rota, B.A.	Administrative Assistant
Daniel Schnepf, B.A.	Collections Assistant
Jill Seagard, B.A.	Scientific Illustrator
*Ashton Spatz	Collections Assistant
Angela Steinmetz, B.F.A.	Registrar
Christine Taylor, B.A.	Collections Manager, Exhibits
*Isabel Tovar, B.A.	Collections Manager
Jen-Yu Wang, B.F.A.	Collections Assistant
Karen Wilson, Ph.D.	Kish Project Manager
Desiree Wisse, M.A.	Assistant Conservator

Department of Botany

Michael O. Dillon, Ph.D.	Curator, Vascular Plants and Chair
William C. Burger, Ph.D.	Curator Emeritus, Vascular Plants
John J. Engel, Ph.D.	Donald R. Richards Curator, Bryology
Sabine M. Huhndorf, Ph.D.	Assistant Curator, Mycology
H. Thorsten Lumbsch, Ph.D.	Associate Curator, Mycology/Lichenology and Head, Cryptogams
Gregory M. Mueller, Ph.D.	Curator, Mycology
Richard H. Ree, Ph.D.	Assistant Curator, Vascular Plants
William S. Alverson, Ph.D.	Adjunct Curator, Vascular Plants
*Eve Emshwiller, Ph.D.	Abbott Laboratory Adjunct Curator, Ethnobotany
Robin B. Foster, Ph.D.	Adjunct Curator, Vascular Plants
Patrick R. Leacock, Ph.D.	Adjunct Curator, Mycology
Gary L. Smith Merrill, Ph.D.	Adjunct Curator, Bryology
Peter Avis, Ph.D.	Postdoctoral Research Scientist, Mycology
Anna Balla, B.F.A.	Collections Assistant, Vascular Plants
Wendy Biggs, B.A.	Research Assistant, Vascular Plants
Andrew Bishop, B.S.	Research Assistant, Mycology
Norbert Cordeiro, Ph.D.	Boyd Postdoctoral Fellow, Vascular Plants
Zorica Dabich, B.F.A.	Scientific Illustrator II
*Odile Dumbleton, B.A.	Research Assistant II, Vascular Plants
Darlene Dowdy-Pritchett	Collections Assistant II
Fabian Ernemann, B.S.C.	Lab Technician, Mycology/Lichenology

Matthew Greif, Ph.D. Postdoctoral Research Scientist, Mycology
 *Mary Gustafson, B.A. Collections Assistant, Vascular Plants
 Susan M. Hamnik, B.A. Senior Administrative Assistant
 Kentaro Hosaka, Ph.D. Postdoctoral Research Scientist, Mycology
 Maria Lucia Kawasaki, Ph.D. Collections Specialist, Vascular Plants
 *Kerry Kline Lab Technician, Vascular Plants
 Robert Lücking, Ph.D. Collections Manager III/Adjunct Curator, Mycology
 Armin Mangold Research Assistant, Mycology/Lichenology
 Joanna McCaffrey Collections Database Architect, Vascular Plants
 Christine Niezgodá, M.S. Collections Manager III, Vascular Plants
 James Pulizzi, B.S. Collections Assistant III, Vascular Plants
 *Imke Schmitt, Ph.D. Postdoctoral Research Scientist, Mycology/Lichenology
 Audrey Sica, B.A. Research Assistant II, Vascular Plants
 David Sollenberger, B.A. Scientific Illustrator, Bryology
 *Sarah Thompson, B.A. Research Assistant II, Vascular Plants
 Gayle Tonkovich, M.S. Research Assistant IV, Vascular Plants
 Matt von Konrat, Ph.D. Collections Manager II, Bryology/Pteridophytes
 Jipei Yue, Ph.D. Postdoctoral Research Scientist, Vascular Plants

Department of Geology

Olivier C. Rieppel, Ph.D. MacArthur Curator, Fossil Amphibians and Reptiles, and Chair
 Matthew H. Nitecki, Ph.D. Curator Emeritus, Fossil Invertebrates
 William D. Turnbull, Ph.D. Curator Emeritus, Fossil Mammals
 Bertram G. Woodland, Ph.D. Curator Emeritus, Petrology
 John R. Bolt, Ph.D. Curator, Fossil Amphibians and Reptiles
 Lance Grande, Ph.D. Curator, Fossil Fishes, and V.P., Head of C&R
 Scott Lidgard, Ph.D. Associate Curator, Fossil Invertebrates
 Peter Makovicky, Ph.D. Associate Curator, Paleontology
 *Jennifer McElwain, Ph.D. Associate Curator, Paleobotany
 *Meenakshi Wadhwa, Ph.D. Associate Curator, Meteoritics/Mineralogy
 Peter Wagner, Ph.D. Associate Curator, Fossil Invertebrates
 *Lorie Barber, B.Sc. Preparator, Fossil Vertebrates
 Lisa Bergwall, B.S. Preparator, Fossil Vertebrates
 *Matt Brown..... Preparator, Fossil Vertebrates
 Marlene Hill Donnelly, B.S., A.A. Scientific Illustrator
 *Stuart Fox, B.A. Collections Assistant, CRC
 Charlene Fricker, M.S. Collections Manager, Fossil Invertebrates
 Ian Glasspool, Ph.D. Collections Manager, Paleobotany
 Lori L. Grove, B.S., M.A. Scientific Illustrator
 Niko Herzog, M.S. Collections Assistant, CRC
 Eric Hilton, Ph.D. Postdoctoral Research Scientist
 *Rebekah Hines, M.Sc. ..Preparator/Collections Assistant, Paleobotany/Physical Geology and Meteoritics
 James Holstein, A.A., B.A. Preparator, Fossil Vertebrates
 *Philip Janney, Ph.D. Manager, Isotope Geochemistry Lab
 Lenny Kouwenberg, Ph.D. John Caldwell Meeker Postdoctoral Fellow
 Karsten Lawson, B.F.A. Senior Administrative Assistant
 Clarita Nuñez, M.S. Collections Manager, Mineralogy/Paleomagnetism and Lab Manager
 Karin Peyer, Ph.D. Postdoctoral Research Scientist, Dinosaurs
 *Marcello Ruta, Ph.D. John Caldwell Meeker Postdoctoral Fellow
 Akiko Shinya, B.Sc. Chief Preparator, Fossil Vertebrates
 William F. Simpson, B.S. Collections Manager, Fossil Vertebrates
 *Fangzhen Teng, Ph.D. Postdoctoral Research Scientist, Meteoritics

Constance VanBeekPreparator, Fossil Vertebrates
 Debbie Wagner, B.S.Preparator, Fossil Vertebrates
 Elaine Zeiger, B. MusicAdministrative Assistant

Department of Zoology

John M. Bates, Ph.D. Associate Curator, Birds, and Chair
 Robert F. Inger, Ph.D.Curator Emeritus, Amphibians and Reptiles
 Melvin Traylor, Jr., A.B. Curator Emeritus, Birds
 *Rupert L. Wenzel, Ph.D. (*deceased*)..... Curator Emeritus, Insects
 Rüdiger Bieler, Ph.D. Curator and Head, Invertebrates
 Shannon J. Hackett, Ph.D. Associate Curator and Head, Birds
 Lawrence R. Heaney, Ph.D.Curator and Head, Mammals
 Maureen Kearney, Ph.D.Associate Curator and Head, Amphibians and Reptiles
 Alfred F. Newton, Jr., Ph.D.Associate Curator, Insects
 Bruce D. Patterson, Ph.D.MacArthur Curator, Mammals
 Petra Sierwald, Ph.D.Associate Curator, Insects
 Margaret K. Thayer, Ph.D.Associate Curator, Insects
 Janet R. Voight, Ph.D.Associate Curator, Invertebrates
 Harold K. Voris, Ph.D.Curator, Amphibians and Reptiles
 Mark W. Westneat, Ph.D.Curator and Head, Fishes
 Jack Fooden, Ph.D. Adjunct Curator, Mammals
 Julian C. Kerbis Peterhans, Ph.D. Adjunct Curator, Mammals
 *Harry G. Nelson, S.B. (*deceased*) Adjunct Curator, Insects
 Thomas S. Schulenberg.....Adjunct Curator, Birds
 Tom Anton, M.A.Collections Assistant, Amphibians and Reptiles
 Rebecca Banasiak, B.F.A., B.A. Research Assistant, Mammals
 *Elizabeth Bastiaans, B.S. Research Assistant, Amphibians and Reptiles
 Amber Billey, B.F.A. Research Assistant, Insects
 James H. Boone, M.S. Assistant Collections Manager, Insects
 Eric Brossman, B.S. Collections Assistant, Fishes
 Barbara E. Brown, B.A. Scientific Associate, Mammals
 Sara H. Burch, B.A. Research Assistant, Amphibians and Reptiles
 Norbert J. Cordeiro, Ph.D. Boyd Postdoctoral Fellow, Insects and Botany
 Carl W. Dick, Ph.D. Brown Postdoctoral Fellow, Insects and Mammals
 Jennifer Fessler, B.S. Research Assistant, Fishes
 Jochen Gerber, Ph.D. Collections Manager, Invertebrates
 Thomas Gnoske Assistant Collections Manager, Birds
 Steven M. Goodman, Ph.D.Field Biologist, Birds and Mammals
 John M. Healy, Ph.D.Postdoctoral Research Scientist, Invertebrates
 Mary Hennen, M.S. Collections Assistant, Birds
 Mary Milus Johnson, B.A. Senior Administrative Assistant
 Janeen Jones, B.A. Assistant Collections Manager, Invertebrates
 Lisa Kanellos, B.G.S.Scientific Illustrator, Invertebrates
 Kathleen M. Kelly, M.A.Collections Assistant, Amphibians and Reptiles
 *Kerry Kline, M.S. Research Assistant, Fishes
 *James B. Ladonski, M.S. Assistant Collections Manager, Amphibians and Reptiles
 James E. Louderman, A.S. Collections Assistant, Insects
 *Angela Marion, B.A. Research Assistant, Amphibians and Reptiles
 Munetoshi Maruyama, Ph.D. Postdoctoral Research Scientist, Insects
 *Jennifer M. Mui, M.S.Collections Assistant, Amphibians and Reptiles
 John Phelps, M.S.Assistant Collections Manager, Mammals
 Kevin Pitz, Ph.D. Postdoctoral Research Scientist, Insects
 Mary Beth Prondzinski, B.S. Collections Assistant, Insects and Mammals
 Martin D. Prydzia, M.S.Collections Assistant, Invertebrates

Sushma Reddy, Ph.D. Bucksbaum Postdoctoral Fellow, Birds
 Alan Resetar, M.L.S. Collections Manager, Amphibians and Reptiles
 Clara Richardson, M.S. Scientific Illustrator
 Mary Anne Rogers, M.S. Collections Manager, Fishes
 Minh-Tho Schulenberg, B.S. Assistant Collections Manager, Mammals
 Rebekah Shuman, B.S. Collections Assistant, Insects
 *Lydia Smith, M.S. Research Assistant, Fishes
 John Socha, Ph.D. Postdoctoral Research Scientist, Fishes
 Alexey Yu. Solodovnikov, Ph.D. Postdoctoral Research Scientist, Insects
 William T. Stanley, M.A. Negaunee Collections Manager, Mammals
 Bryan Stuart, Ph.D. Postdoctoral Research Scientist
 Daniel Summers, M.S., M.B.A. Collections Manager, Insects
 Kevin Swagel, B.S. Technical Assistant, Fishes
 *Takanaobu Tsuihiji, Ph.D. Postdoctoral Research Scientist, Amphibians and Reptiles
 Stephanie Ware, M.S. Research Assistant, Birds
 Jason Weckstein, Ph.D. Postdoctoral Research Scientist, Birds
 David Willard, Ph.D. Collections Manager, Birds
 Philip Willink, Ph.D. Assistant Collections Manager, Fishes
 Abigail Wolf, B.S. Collections Assistant, Amphibians and Reptiles

Field Museum Press

Harold K. Voris, Ph.D. Managing Editor
 John R. Bolt, Ph.D. Associate Editor/Geology
 Sabine M. Huhndorf, Ph.D. Associate Editor/Botany
 Anne Underhill, Ph.D. Associate Editor/Anthropology
 Janet R. Voight, Ph.D. Associate Editor/Zoology
 Michael Godow, MLIS Library Representative
 Dorren Martin-Ross, M.A. Editorial Assistant
 *Dawn Turner, B.F.A. Editorial Assistant
 Courtney Jones Editorial Assistant

Pritzker Laboratory for Molecular Systematics and Evolution

Kevin Feldheim, Ph.D. Laboratory Manager
 Erin Sackett, B.S. Laboratory Technician

Scanning Electron Microscope

Betty Strack, M.S. Manager

PUBLICATIONS, 2006
(Excluding abstracts)

DEPARTMENT OF ANTHROPOLOGY

Bennet Bronson

Bronson, B. (2006). Patterns of Political Regeneration in Southeast and East Asia. In *After Collapse: The Regeneration of Complex Societies*, ed. G. W. Schwartz and J. J. Nichols, 137-144. Tucson, University of Arizona Press.

Winifred Creamer

Haas, J. and **Creamer, W.** (2006). Crucible of Andean Civilization: The Peruvian Coast from 3000 to 1800 BC. *Curr. Anthropol.* 47: 745-775.

L. Antonio Curet

Curet, L. A. (2006). Historia Social y Política del Caribe Antiguo. *Arqueología del Area Intermedia* 7 (in press).

Curet, L. A. (2006). Las Crónicas en la Arqueología de Puerto Rico y del Caribe. *Caribbean Studies* 34: 163-199.

Curet, L. A., Newsom, L. A., and deFrance, S. (2006). Social and Cultural Changes in the Civic and Ceremonial Center of Tibes, Puerto Rico. *J. of Field Arch.* 31: 23-39.

Curet, L. A. (2006). Missing the Point and an Illuminating Example: Response to Keegan's Comment. *Ethnohistory* 53: 393-398.

Curet, L. A. (2006). Review of *Ancient Boriquen: Archaeology of Native Puerto Rico*, ed. P. Siegel. *The Americas* 63: 156-157.

Laure Dussubieux

Martin, R. D., Maclarnon, A. M., Phillips, J. L., **Dussubieux, L.,** Williams, P. R., and Dobyns, W. B. (2006). Comment on *The Brain of LB1, Homo floresiensis* (Technical Comment). *Science* 312: 999b.

Lankton, J. and **Dussubieux, L.** (2006). Early Glass in Asian Maritime Trade: A Review and an Interpretation of Compositional Analyses. *J. of Glass Studies* 48: 121-144.

Gary M. Feinman

Feinman, G. M. (2006). The economic underpinnings of prehispanic Zapotec civilization: Small-scale production, economic interdependence, and market exchange. In *Agricultural Strategies*, ed. J. Marcus and C. Stanish, 255-280. Los Angeles: Cotsen Institute of Archaeology, UCLA.

Feinman, G. M. (published 2006, copyright date 2005). Settlement and landscape archaeology (in Chinese). *Oriental Archaeology* (Shandong University, Jinan, China) 2: 272-279.

Feinman, G. M. (2006). Anthropology update: Notes from the department chair. *The Field Museum Anthropology Alliance Newsletter*, Winter/Spring.

Feinman, G. M. (2006). Anthropology update: Notes from the department chair. *The Field Museum Anthropology Alliance Newsletter*, Fall.

Feinman, G. M. (2006). Comment on Ian Keen, "Constraints on the development of enduring inequalities in Late Holocene Australia." *Current Anthropology* 47: 20-21.

Feinman, G. M., and Nicholas, L. M. (2006). El Palmillo: Una perspectiva doméstica del período Clásico en el Valle de Oaxaca. Final technical report of the 2006 field season prepared for the Instituto Nacional de Antropología e Historia, Mexico City.

Feinman, G. M., and Nicholas, L. M. (2006). La producción artesanal en Oaxaca. *Arqueología Mexicana* 14(80): 36-43.

Feinman, G. M., and Nicholas, L. M. (2006). Excavaciones en contextos domésticos del periodo Clásico en El Palmillo, Valle de Oaxaca. Boletín del Consejo de Arqueología, Instituto Nacional de Antropología e Historia, Mexico City (http://www.inah.gob.mx/index_.html).

Feinman, G. M., Nicholas, L. M., and Haines, H. R. (2006). Socioeconomic inequality and the consumption of chipped stone at El Palmillo, Oaxaca, Mexico. *Latin American Antiquity* 17: 151-175.

Feinman, G. M., Nicholas, L. M., and Haines, H. R. (published 2006, copyright date 2007). Classic period agricultural intensification and domestic life at El Palmillo, Valley of Oaxaca, Mexico. In *Seeking a Richer Harvest: The Archaeology of Subsistence Intensification, Innovation, and Change*, ed. T. Thurston and C. Fisher, 23-61. New York: Springer.

Haller, M., **Feinman, G. M.**, and Nicholas, L. M. (2006). Socioeconomic inequality and differential access to faunal resources at El Palmillo, Oaxaca, Mexico. *Ancient Mesoamerica* 17: 39-55.

Kowalewski, S. A., **Feinman, G. M.**, Nicholas, L. M., and Heredia, V. (2006). Hilltowns and valley fields: Great transformations, labor, and long-term history in ancient Oaxaca. In *Labor in Cross-Cultural Perspective*, ed. E. P. Durrenberger and J. E. Marti, 197-216. Society for Economic Anthropology Monograph, Volume 23. Walnut Creek, CA: AltaMira Press.

Nicholas, L. M., and **Feinman, G. M.** (2006). A bottom-up perspective on Classic period terrace sites in the Valley of Oaxaca: The view from El Palmillo. In *Managing Archaeological Data: Essays in Honor of Sylvia W. Gaines*, ed. J. L. Hantman and R. Most, 169-181. Anthropological Research Papers No. 57. Tempe: Arizona State University.

Price, T. D., and **Feinman, G. M.** (published 2006, copyright date 2008). *Images of the Past*. 5th edition. Boston: MacGraw-Hill.

Sharer, R., Balkansky, A., Burton, J., **Feinman, G. M.**, Flannery, K., Grove, D., Marcus, J., Moyle, R., Price, T., Redmond, E., Reynolds, R., Rice, P., Spencer, C., Stoltman, J., and Yaeger, J. (2006). On the logic of archaeological inference: Early Formative pottery and the evolution of Mesoamerican societies. *Latin American Antiquity* 17: 90-103.

Jonathan Haas

Haas, J. and Creamer, W. (2006). Crucible of Andean Civilization: The Peruvian Coast from 3000 to 1800 BC. *Curr. Anthropol.* 47: 745-775.

Chapurukha M. Kusimba

Kusimba, C. M. (2006). Warfare in African Chiefdoms. In *Violent Transformations: The Archaeology of Warfare and Long-Term Social Change*, ed. E. Arkush and M. Allen, 214-249. Gainesville, University of Florida Press.

Kusimba, C. M., S. B. Kusimba, and B. Agbaje-Williams (2006). Pre-colonial African Cities: Size and Density. In *Population and Preindustrial Cities: A Cross-Cultural Perspective*, ed. G. Storey, 145-158. Tuscaloosa: University of Alabama Press.

Kusimba, C. M. (2006). Profile of an African Archaeologist. In *Archaeology*, by D. H. Thomas and K. Kelley, 148-149. Wadsworth Publishing.

Robert D. Martin

Martin, R. D. (2006). New Light on Primate Evolution. *Ber. Abhandl. Berlin-Brandenburg. Akad. Wiss.* 11: 379-405.

Martin, R. D., MacLarnon, A. M., Phillips, J. L., Dussubieux, L., Williams, P. R., and Dobyns, W. B. (2006). Comment on *The Brain of LB1, Homo floresiensis* (Technical Comment). *Science* 312: 999b.

Martin, R. D., MacLarnon, A. M., Phillips, J. L., and Dobyns, W. B. (2006). Flores Hominid: New Species or Microcephalic Dwarf? *Anat. Rec.* 288A: 1123-1145.

Ross, C. F. and **Martin, R. D.** (2006). The Role of Vision in the Origin and Evolution of Primates. In *Evolution of Nervous Systems Volume IV: Primates*, ed. J. H. Kaas, 59-78. Oxford: Academic Press.

Soglio, C. and **Martin, R. D.** (2006). Adaptive Origins of Primates Revisited. *J. Hum. Evol.* 50: 414-430.

Maxine McBrinn

McBrinn, M. and Smith, C. P. (2006). A New Spin on Cordage: The Effects of Material and Culture. *Kiva* 71: 265-273.

McBrinn, M. (2006). Review of *Traditions, Transitions and Technology*, ed. S. H. Schlanger, and *Sandals from Coahuila Caves*, by W. W. Taylor. *Am. Antiq.* 71: 186-187.

Linda M. Nicholas

Feinman, G. M., and **Nicholas, L. M.** (2006). El Palmillo: Una perspectiva doméstica del período Clásico en el Valle de Oaxaca. Final technical report of the 2006 field season prepared for the Instituto Nacional de Antropología e Historia, Mexico City.

Feinman, G. M., and **Nicholas, L. M.** (2006). La producción artesanal en Oaxaca. *Arqueología Mexicana* 14(80): 36-43.

Feinman, G. M., and **Nicholas, L. M.** (2006). Excavaciones en contextos domésticos del periodo Clásico en El Palmillo, Valle de Oaxaca. Boletín del Consejo de Arqueología, Instituto Nacional de Antropología e Historia, Mexico City (http://www.inah.gob.mx/index_.html).

Feinman, G. M., **Nicholas, L. M.**, and Haines, H. R. (2006). Socioeconomic inequality and the consumption of chipped stone at El Palmillo, Oaxaca, Mexico. *Latin American Antiquity* 17: 151-175.

Feinman, G. M., **Nicholas, L. M.**, and Haines, H. R. (published 2006, copyright date 2007). Classic period agricultural intensification and domestic life at El Palmillo, Valley of Oaxaca, Mexico. In *Seeking a Richer Harvest: The Archaeology of Subsistence Intensification, Innovation, and Change*, ed. T. Thurston and C. Fisher, 23-61. New York: Springer.

Haller, M., Feinman, G. M., and **Nicholas, L. M.** (2006). Socioeconomic inequality and differential access to faunal resources at El Palmillo, Oaxaca, Mexico. *Ancient Mesoamerica* 17:39-55.

Kowalewski, S. A., Feinman, G. M., **Nicholas, L. M.**, and Heredia, V. (2006). Hilltowns and valley fields: Great transformations, labor, and long-term history in ancient Oaxaca. In *Labor in Cross-Cultural Perspective*, ed. E. P. Durrenberger and J. E. Marti, pp. 197-216. Society for Economic Anthropology Monograph, Volume 23. Walnut Creek, CA: AltaMira Press.

Nicholas, L. M., and Feinman, G. M. (2006). A bottom-up perspective on Classic period terrace sites in the Valley of Oaxaca: The view from El Palmillo. In *Managing Archaeological Data: Essays in Honor of Sylvia W. Gaines*, ed. J. L. Hantman and R. Most, 169-181. Anthropological Research Papers No. 57. Tempe: Arizona State University.

Christopher J. Philipp

Philipp, C. J. (2006). Review of *The Oldman Collection of Maori Artifacts—New Edition Of Polynesian Society Memoir 14* and *The Oldman Collection of Polynesian Artifacts—New Edition Of Polynesian Society Memoir 15*, Oldman, W.O., *Journal of the Polynesian Society*.

John Edward Terrell

Terrell, J. E. (2006). Human Biogeography: Evidence of our Place in Nature. *J. of Biogeography*, 33: 2088-2098.

Terrell, J. E. (2006). Review of *Change Through Time: 50 Years of New Zealand Archaeology*, ed. L. Furey and S. Holdaway. *Arch. In Oceania* 41:48.

Anne P. Underhill

Underhill, A. P. (2006). Warfare and the Development of States in China. In *The Archaeology of Warfare: Prehistories of Raiding and Conquest*, eds. E. Arkush and M. Allen, 253-285. University Press of Florida, Gainesville.

Underhill, A. P. (2006). Working in a Large Museum of Natural History. In *Principles of Archaeology*, by T. D. Price, 27-28. McGraw-Hill, Chicago.

Alaka Wali

Wali, A. (2006). The Spiral Path: Toward and Integrated Life. In *Making History at the Frontier: Women Creating Careers as Practicing Anthropologists*, *Bulletin 26 of the National Association of the Practice of Anthropology*, ed. C. Wasson, 209-222. California: University of California Press.

Alcorn, J. B., Carlo, C., Rojas, J., Rothschild, D., **Wali, A.**, and Zarzycki, A. (2006). Heritage, poverty and landscape-scale biodiversity conservation: an alternate perspective from the Amazonian frontier. *Policy Matters*. 14: 272-285.

Nogués, A., Calixto Méndez L., Vela Collantes M., **Wali A.**, et. al. (2006). History of the Region and Its Peoples. In *Rapid Biological Inventories: 16, Perú: Matsés*, ed. C. Vriesendorp, N. Pitman, J. Ignacio, et al. Chicago: Field Museum of Natural History.

Wali, A. (2006). Beyond the Colonnades: Changing Museum Practice and Public Anthropology in Chicago. *Sociological Imagination*. 42: 99-113.

Patrick Ryan Williams

Williams, P. R. (2006). Review of Andean Diaspora: The Tiwanaku Colonies and the Origins of South American Empire. *J. Lat. Am. Anth.* 11(2): 507-509.

Williams, P. R. and Nash, D. J. (2006). Sighting the Apu: A GIS Analysis of Wari Imperialism and the Worship of Mountain Peaks. *World. Arch.* 38: 455-468.

Martin, R. D., MacLarnon, A. M., Phillips, J. L., Dussubieux, L., **Williams, P. R.**, and Dobyns, W. B. (2006). Comment on *The Brain of LB1, Homo floresiensis* (Technical Comment). *Science* 312: 999b.

Williams, P. R. (2006). Agricultural Innovation, Intensification, and Sociopolitical Development: the Case of Highland Irrigation Agriculture on the Pacific Andean Watersheds. In *Agricultural Strategies*, eds., J. Marcus & C. Stanish, 309-333. Cotsen Institute of Archaeology, UCLA.

Désirée Wisse

Wisse, D. (2006). Decisions on the Restoration of a Trobriand Yam Storehouse: The “Decision Making Model for Conservation and Restoration of Modern Art” Applied to an Ethnographic Object. In *ICOM Comm. For Conserv.* 1: 120-126.

DEPARTMENT OF BOTANY

Norbert J. Cordeiro

Ndangalasi, H. J., **Cordeiro, N. J.**, Mshana, L., Mujillah, E., and Banasiak, R. (2006). Seedling guide to the trees, shrubs and lianas of the Eastern Arc Mountains. Laminated sheets, Working Draft 2, TFM and University of Dar es Salaam, Tanzania.

Cordeiro, N. J., Lovett, J. C., Mulungu, E., Maina, G. G., and Gerstle, J. H. (2006). Trends of bird assemblages before and after river diversion in an endemic-rich African forest. *Biodivers. Conserv.* 15: 971-983.

Corbin, C., and **Cordeiro, N. J.** (2006). Gliding characteristics of Lord Derby's Anomalure (*Anomalurus derbianus*) in Tanzania. *African J. Ecol.* 44: 106-108.

Michael O. Dillon

Dillon, M. O. (2006). New records in the Asteraceae flora of Peru. *Arnaldoa* 13(2): 1-4.

Dillon, M. O. and Niezgoda, C. (2006). 21st Century Herbarium. *In the Field* 77(3): 18.

Sánchez-Vega, I. and **Dillon, M. O.** (2006). Jalcas. pp. 81-94. *En: Moraes R., M., B. Øllgaard, L. Peter Kvist, F. Borchsenius & H. Balslev (eds.) Botánica Económica de los Andes Centrales.* Herbario Nacional de Bolivia, Instituto de Ecología, Universidad Mayor de San Andrés, La Paz.

John J. Engel

Engel, J. J. (2006). Austral Hepaticae 40. *Tritomaria* (Jungermanniaceae subfam. Lophozioideae) new to the south temperate, together with a new subspecies, *T. exsecta* subsp. *novaezealandiae* subsp. nov. *Bryologist* 109: 60-67.

Engel, J. J. (2006). Austral Hepaticae 41. *Bazzania exempta* Engel, an interesting new species from New Zealand, belonging to a new section, *Bazzania* sect. *Exemptae* Engel. *J. Hattori Bot. Lab.* 99: 197-205.

Engel, J. J. (2006). Austral Hepaticae 42. The Austral species of *Mnioloma* (Calypogeiaceae), together with a new species, *Mnioloma novaezealandiae* n. sp. *Cryptogamie. Bryologie*: 27: 111-117.

Crosby, M., and **Engel, J. J.** (2006). Index of Hepatics 1974-2000. Pp. 1-368. *Hattori Botanical Laboratory.* Nichinan, Miyazaki, Japan.

Heinrichs, J., Lindner, M., Groth, H., Hentschel, J., Feldberg, K., Renker, C., **Engel, J. J.**, von Konrat, M., Long, D. G., and Schneider, H. (2006). Goodbye or welcome Gondwana?—insights into the phylogenetic biogeography of the leafy liverwort *Plagiochila* with a description of *Proskaurera*, gen. nov. (Plagiochilaceae, Jungermanniales). *Plant Syst. Evol.* 258: 227-250.

Kentaro Hosaka

James, T. Y., Kauff, F., Schoch, C., Matheny, P. B., Hofstetter, V., Cox, C. J., Celio, G., Gueidan, C., Fraker, E., Miadlikowska, J., Lumbsch, H. T., Rauhut, A., Reeb, V., Arnold, A. E., Amtoft, A., Stajich, J. E., **Hosaka, K.**, Sung, G. H., Johnson, D., O'Rourke, B., Binder, M., Curtis, J. M., Slot, J. C., Wang, Z., Wilson, A. W., Schüßler, A., Longcore, J. E., O'Donnell, K., Mozley-Standridge, S., Porter, D., Letcher, P. M., Powell, M. J., Taylor, J. W., White, M. M., Griffith, G. W., Davies, D. R., Sugiyama, J., Rossman, A. Y., Rogers, J. D., Pfister, D. H., Hewitt, D., Hansen, K., Hambleton, S., Shoemaker, R. A., Kohlmeyer, J., Volkmann-Kohlmeyer, B., Spotts, R., Serdani, M., Crous, P. W., Hughes, K. W., Matsuura, K., Langer, E., Langer, G., Untereiner, W. A., Lücking, R., Büdel, B., Geiser, D. M., Aptroot, A., Buck, W. R., Cole, M. S., Diederich, P., Hillis, D.M., Printzen, C., Schmitt, I., Schultz, M., Yahr, R., Zavarzin, A., Hibbett, D. S., Lutzoni, F., McLaughlin, D. J., Spatafora, J. W., and Vilgalys, R. (2006). Reconstructing the early evolution of the fungi using a six gene phylogeny. *Nature* 443: 818-822.

Fukihar, T., **Hosaka, K.**, and Sato, H. (2006). Methods for preparing mushroom specimens for museum storage and DNA studies (in Japanese). *Bioindustry* 23: 13-24.

Spatafora, J. W., Sung, G. H., Johnson, D., O'Rourke, B., Serdani, M., Spotts, R., Lutzoni, F., Hofstetter, V., Miadlikowska, J., Reeb, V., Gueidan, C., Fraker, E., Lumbsch, H. T., Lücking, R., Schmitt, I., **Hosaka, K.**, Aptroot, A., Roux, C., Miller, A., Geiser, D., Hafellner, J., Hestmark, G., Arnold, A. E., Budel, B., Rauhut, A., Hewitt, D., Untereiner, W., Cole, M., Scheidegger, C., Schultz, M., Sipman, H., and Schoch, C. (2006). A five-gene phylogeny of Pezizomycotina. *Mycologia* 98: 1020-1030.

Hosaka, K., Bates, S. T., Beever, R. E., Castellano, M. A., Colgan, W., Dominguez, L. S., Geml, J., Giachini, A. J., Kenney, S. R., Nouhra, E. R., Simpson, N. B., Spatafora, J. W., and Trappe, J. M. (2006). Molecular phylogenetics of the gomphoid-phalloid fungi with an establishment of the new subclass Phallomycetidae and two new orders. *Mycologia* 98: 949-959.

Sugiyama, J., **Hosaka, K.**, and Suh, S-O. (2006). The basal Ascomycota: the phylogenetic divergence and related evolutionary enigmas. *Mycologia* 98: 998-1007.

Sabine M. Huhndorf

Miller, A. N., Shearer, C. A., Bartolata, M., and **Huhndorf, S. M.** (2006). *Cuspidatispora xiphiago* gen. et spec. nov. from an eastern North American creek. *Mycoscience* 47: 218-223.

Fernández, F. A., Miller, A. N., **Huhndorf, S. M.**, Lutzoni, F. M., and Zoller, S. (2006). Systematics of the genus *Chaetosphaeria* and its allied genera: morphological and phylogenetic diversity in north temperate and Neotropical taxa. *Mycologia* 98: 121-130.

Maria Lucia Kawasaki

Holst, B. K., and **Kawasaki, M. L.** (2006). New species of Myrtaceae from Ecuador and Peru. *Sida, Contributions to Botany* 22(2): 931-934.

Robert Lücking

Chaves, J. L., Umaña, L., **Lücking, R.**, Sipman, H. J. M., and Aptroot, A. (2006). Una nueva especie de *Heterodermia* de Costa Rica y Venezuela, en honor al embajador de España en Costa Rica, Juan José Urtasun Erro. *Cryptogamie, Mycologie* 27: 335-339.

Del Prado, R., Schmitt, I., Kautz, S., Palice, Z., **Lücking, R.**, and Lumbsch, H. T. (2006). Molecular data place Trypetheliaceae in Dothideomycetes. *Mycol. Res.* 110: 511-520.

Jagadeesh Ram, T. A. M., Sinha, G. P., **Lücking, R.**, And Lumbsch, H. T. (2006). A new species of *Chrysothrix* (Arthoniales: Arthoniaceae) from India. *Lichenologist* 38: 127-129.

James, T. Y., Kauff, F., Schoch, C., Matheny, P. B., Hofstetter, V., Cox, C. J., Celio, G., Gueidan, C., Fraker, E., Miadlikowska, J., Lumbsch, H. T., Rauhut, A., Reeb, V., Arnold, A. E., Amtoft, A., Stajich, J. E., Hosaka, K., Sung, G.-H., Johnson, D., O'Rourke, B., Binder, M., Curtis, J. M., Slot, J. C., Wang, Z., Wilson, A. W., Schüssler, A., Longcore, J. E., O'Donnell, K., Mozley-Standridge, S., Porter, D., Letcher, P. M., Powell, M. J., Taylor, J. W., White, M. M., Griffith, G. W., Davies, D. R., Sugiyama, J., Rossman, A. Y., Rogers, J. D., Pfister, D. H., Hewitt, D., Hansen, K., Hambleton, S., Shoemaker, R. A., Kohlmeyer, J., Volkmann-Kohlmeyer, B., Spotts, R. A., Serdani, M., Crous, P. W., Hughes, K. W., Matsuura, K., Langer, E., Langer, G., Untereiner, W. A., **Lücking, R.**, Büdel, B., Geiser, D. M., Aptroot, A., Buck, W. R., Cole, M. S., Diederich, P., Printzen, C., Schmitt, I., Schultz, M., Yahr, R., Zavarzin, A., Hibbett, D. S., Lutzoni, F., McLaughlin, D. J., Spatafora, J. W., and Vilgalys, R. (2006). Reconstructing the early evolution of the fungi using a six gene phylogeny. *Nature* 443: 818-822.

Lücking, R. (2006). Follicolous lichens from French Guiana (northeastern South America). *Cryptogamie, Mycologie* 27: 121-147.

Lücking, R. (2006). Proposal to conserve the name *Strigula schizospora* against *S. gibberosa* (Ascomycota: Pyrenulales: Strigulaceae). *Taxon* 55: 801-808.

Lücking, R., Aptroot, A., Umaña, L., Chaves, J. L., Sipman, H. J. M., and Nelsen, M. P. (2006). A first assessment of the Ticolichen biodiversity inventory in Costa Rica: the genus *Gyalideopsis* (Ostropales: Gomphillaceae). *Lichenologist* 38: 131-160.

Lücking, R., Thor, G., Aptroot, A., Kalb, K., and Elix, J. A. (2006). The *Cryptothecia candida* complex revisited. *Lichenologist* 38: 235–240.

Miadlikowska, J., Kauff, F., Hofstetter, V., Fraker, E., Grube, M., Hafellner, J., Reeb, V., Hodgkinson, B. P., Kukwa, M., **Lücking, R.**, Hestmark, G., Ojalora, M. G., Rauhut, A., Büdel, B., Scheidegger, C., Timdal, E., Stenroos, S., Brodo, I., Perlmutter, G. B., Ertz, D., Diederich, P., Lendemer, J. C., Tripp, E., Yahr, R., May, P., Gueidan, C., Arnold, A. E., Robertson, C., and Lutzoni, F. (2006). New insights into classification and evolution of the Lecanoromycetes (Pezizomycotina, Ascomycota) from phylogenetic analyses of three ribosomal RNA and two protein-coding genes. *Mycologia* 98: 1089-1102.

Nelsen, M. P., **Lücking, R.**, Chaves, J. L., Sipman, H. J. M., Umaña, L., and Navarro, E. (2006). A first assessment of the Ticolichen biodiversity inventory in Costa Rica: the genus *Haematomma* (Lecanorales: Lecanoraceae). *Lichenologist* 38: 251-262.

Rivas Plata, E., **Lücking, R.**, Aptroot, A., Sipman, H. J. M., Chaves, J. L., Umaña, L., and Lizano, D. (2006). A first assessment of the Ticolichen biodiversity inventory in Costa Rica: the genus *Coenogonium* (Ostropales: Coenogoniaceae), with a world-wide key and checklist and a phenotype-based cladistic analysis. *Fungal Divers.* 23: 255-321.

Spatafora, J. W., Sung, G.-H., Johnson, D., O'Rourke, B., Serdani, M., Spotts, R., Lutzoni, F., Hofstetter, V., Miadlikowska, J., Reeb, V., Gueidan, C., Fraker, E., Lumbsch, H. T., **Lücking, R.**, Schmitt, I., Hosaka, K., Aptroot, A., Roux, C., Miller, A., Geiser, D., Hafellner, J., Hestmark, G., Arnold, A. E., Büdel, B., Rauhut, A., Hewitt, D., Untereiner, W. A., Cole, M. S., Scheidegger, C., Schultz, M., Sipman, H. J. M., and Schoch, C. (2006). A five-gene phylogenetic analysis of the Pezizomycotina. *Mycologia* 98: 1020-1030.

H. Thorsten Lumbsch

Blanco, O., Crespo, A., Ree, R., and **Lumbsch, H. T.** (2006). Major clades of parmelioid lichens (Parmeliaceae, Ascomycota) and the evolution of their morphological and chemical diversity. *Mol. Phylogen. Evol.* 39: 52-69.

Crespo, A., Arguello, A., **Lumbsch, H. T.**, Llimona, X., and Tønsberg, T. (2006). A new species of *Lepraria* (Lecanorales: Stereocaulaceae) from the Canary Islands and the typification of *Lepraria isidiata*. *Lichenologist* 38: 213-221.

Divakar, P. K., Crespo, A., Blanco, O., and **Lumbsch, H. T.** (2006). Phylogenetic significance of morphological characters in the tropical *Hypotrachyna* clade of parmelioid lichens (Parmeliaceae, Ascomycota). *Mol. Phylogen. Evol.* 40: 448-458.

del Prado, R., Schmitt, I., Kautz, S., Palice, Z., Lücking, R., and **Lumbsch, H. T.** (2006). Molecular data place Trypetheliaceae in Dothideomycetes. *Mycol. Res.* 110: 511-520.

Jagadeesh Ram, T. A. M., Sinha, G. P., Lücking, R., and **Lumbsch, H. T.** (2006). A new species of the genus *Chrysothrix* (Arthoniales: Arthoniaceae) from India. *Lichenologist* 38: 127-129.

James, T. Y., Kauff, F., Schoch, C., Matheny, P. B., Hofstetter, V., Cox, C. J., Celio, G., Gueidan, C., Fraker, E., Miadlikowska, J., **Lumbsch, H. T.**, Rauhut, A., Reeb, V., Arnold, A. E., Amtoft, A., Stajich, J. E., Hosaka, K., Sung, G.-H., Johnson, D., O'Rourke, B., Binder, M., Curtis, J. M., Slot, J. C., Wang, Z., Wilson, A. W., Schüssler, A., Longcore, J. E., O'Donnell, K., Mozley-Standridge, S., Porter, D., Letcher, P. M., Powell, M. J., Taylor, J. W., White, M. M., Griffith, G. W., Davies, D. R., Sugiyama, J., Rossman, A. Y., Rogers, J. D., Pfister, D. H., Hewitt, D., Hansen, K., Hambleton, S., Shoemaker, R. A., Kohlmeyer, J., Volkmann-Kohlmeyer, B., Spotts, R. A., Serdani, M., Crous, P. W., Hughes, K. W., Matsuura, K., Langer, E., Langer, G., Untereiner, W. A., Lücking, R., Büdel, B., Geiser, D. M., Aptroot, A., Buck, W. R., Cole, M.

S., Diederich, P., Printzen, C., Schmitt, I., Schultz, M., Yahr, R., Zavarzin, A., Hibbett, D. S., Lutzoni, F., McLaughlin, D. J., Spatafora, J. W., and Vilgalys, R. (2006). Reconstructing the early evolution of the fungi using a six gene phylogeny. *Nature* 443: 818-822.

Lumbsch, H. T., Schmitt, I., Barker, B., and Pagel, M. (2006). Evolution of micromorphological and chemical characters in the lichen-forming fungal family Pertusariaceae. *Biol. J. Linn. Soc.* 89: 615-626.

Mangold, A., Elix, J. A., and **Lumbsch, H. T.** (2006). The *Myriotrema wightii* group in Australia. *Nova Hedwigia* 83: 275-292.

Nayaka, S., Upreti, D. K., and **Lumbsch, H. T.** (2006). Two new *Lecanora* species from India. *Lichenologist* 38: 421-424.

Pauls, S., **Lumbsch, H. T.**, and Haase, P. (2006). Phylogeography of the montane caddisfly *Drusus discolor* (Rambur, 1842) (Trichoptera: Limnephilidae, Drusinae): evidence for multiple refugia and periglacial survival. *Mol. Ecol.* 15: 2153-2169.

Schmitt, I., **Lumbsch, H. T.**, and Bratt, C. (2006). Two new brown-spored species of *Pertusaria* from southwestern North America. *Lichenologist* 38: 411-416.

Schmitt, I., Yamamoto, Y., and **Lumbsch, H. T.** (2006). Phylogeny of Pertusariales (Ascomycotina): resurrection of Ochrolechiaceae and new circumscription of Megasporaceae. *J. Hattori Bot. Lab.* 100: 753-764.

Spatafora, J. W., Sung, G.-H., Johnson, D., O'Rourke, B., Serdani, M., Spotts, R., Lutzoni, F., Hofstetter, V., Miadlikowska, J., Reeb, V., Gueidan, C., Fraker, E., **Lumbsch, H. T.**, Lücking, R., Schmitt, I., Hosaka, K., Aptroot, A., Roux, C., Miller, A., Geiser, D., Hafellner, J., Hestmark, G., Arnold, A. E., Büdel, B., Rauhut, A., Hewitt, D., Untereiner, W. A., Cole, M. S., Scheidegger, C., Schultz, M., Sipman, H. J. M., and Schoch, C. (2006). A five-gene phylogenetic analysis of the Pezizomycotina. *Mycologia* 98: 1020-1030.

Wirtz, N., Printzen, C., Sancho, L. G., and **Lumbsch, H. T.** (2006). The phylogeny and classification of *Neuropogon* and *Usnea* (Parmeliaceae, Ascomycota) revisited. *Taxon* 55: 367-376.

Zhurbenko, M. P., and **Lumbsch, H. T.** (2006). *Pertusaria christae* is a synonym of *P. saximontana*. *Lichenologist* 38: 487-490.

Gregory M. Mueller

Avis, P. G., Dickie, I. A., and **Mueller, G. M.** (2006). A "dirty" business: Testing the limitations of terminal restriction fragment length polymorphism (TRFLP) analysis of soil fungi. *Mol. Ecol.* 15: 873-882.

Mueller, G. M., Halling, R. E., Carranza, J., Mata, M., Schmit, J. P. (2006). Saprotrophic and ectomycorrhizal macrofungi of Costa Rican oak forests. In *Ecology and Conservation of Neotropical Montane Oak Forests, Ecological Studies 185*, ed. M. Kappelle, 55-68. Berlin: Springer.

Mueller, G. M., Schmit, J. P., Leacock, P. R., Buyck, B., Cifuentes, J., Desjardin, D. E., Halling, R. E., Hjortstam, K., Iturriaga, T., Larsson, K.-H., Lodge, D. J., May, T. W., Minter, D., Rajchenberg, M., Redhead, S. A., Ryvarden, L., Trappe, J. M., Watling, R., and Wu, Q.-X. (2006). Global diversity and distribution of macrofungi. *Biodivers. Conserv.* (Published online: <http://www.springerlink.com/content/cx751w5x6w32j27m/fulltext.pdf>).

Mueller, G. M. (2006). Review of *North American Mushrooms: A Field Guide to Edible and Inedible Fungi* by O. K. Miller, Jr. and H. H. Miller. *Inoculum* 57(3): 9-10.

Osmundson, T. W., Cripps, C. L., and **Mueller, G. M.** (2006). Morphological and molecular systematics of Rocky Mountain alpine *Laccaria*. *Mycologia* 97: 949-972.

Schmit, J. P., and **Mueller, G. M.** (2006). An estimate of the lower limit of global fungal diversity. *Biodivers. Conserv.* (Published online: <http://www.springerlink.com/content/f548465306h00210/fulltext.pdf>).

Richard H. Ree

Blanco, O., Crespo, A., **Ree, R. H.**, and Lumbsch, H. T. (2006). Major clades of parmelioid lichens (Parmeliaceae, Ascomycota) and the evolution of their morphological and chemical diversity. *Mol. Phylogenet. Evol.* 39: 52-69.

Kalisz, S., **Ree, R. H.**, and Sargent, R. D. (2006). Linking floral symmetry genes to breeding system evolution. *Trends Plant Sci.* 11(12): 568-573.

Fine, P. V. A., and **Ree, R. H.** (2006). Evidence for a time-integrated species-area effect on the latitudinal gradient in tree diversity. *Am. Nat.* 168(6): 786-804.

Matt von Konrat

Von Konrat, M., Braggins, J. E., Asakawa, Y., and Toyota, M. (2006). *Frullania chevalieri* (Frullaniaceae) in New Zealand, with a reassessment of *Schusterella*. *The Bryologist* 109: 141-156.

Von Konrat, M., Braggins, J. E., Asakawa, Y., and Toyota, M. (2006). Recognition of *Frullania congesta*: a case study to present a species concept and a synthesis of significant taxonomic characters for the large liverwort genus *Frullania* (Frullaniaceae). *J. Hattori Bot. Lab.* 100: 553-576.

Heinrichs, J., Lindner, M., Groth, H., Hentschel, J., Feldberg, K., Renker, C., Enge, J. J., **von Konrat, M.**, Long, D. G., and Schneider, H. (2006). Goodbye or welcome Gondwana? Insights into the phylogenetic biogeography of the leafy liverwort *Plagiochila* with a description of *Proskauera*, gen. nov. (Plagiochilaceae, Jungermanniales). *Plant Syst. Evol.* 258: 227-250.

DEPARTMENT OF GEOLOGY

John R. Bolt

Lombard, R. E., and **Bolt, J. R.** (2006). The mandible of *Whatcheeria deltae*, an early tetrapod from the Late Mississippian of Iowa. In *Amniote Paleobiology: Perspectives on the Evolution of Mammals, Birds, and Reptiles*, eds. M. T. Carrano et al., 21-52, University of Chicago Press.

Bolt, J. R., and Lombard, R. E. (2006). *Sigournea multidentata*, a new stem tetrapod from the Upper Mississippian of Iowa, USA. *J. Paleont.* 80: 717-725.

Marlene Hill Donnelly

Donnelly, M. H. (2006). Model making as a scientific illustration tool. *J. Guild Nat. Sci. Illustrators*, November 2006.

Ian J. Glasspool

Scott, A. C., **Glasspool, I. J.** (2006). Controls on the diversification of Paleozoic fire systems: vegetation, climate or atmosphere? *Proceedings, Nat'l Acad. Sci.* 103(29): 10861-10865.

Glasspool, I. J., Edwards, D., Axe, L., (2006). Charcoal in the Early Devonian: a wildfire derived Konservat-Lagerstätte. *Rev. Pal. Pal.* 142: 131-136.

Lance Grande

Grande, L., and Hilton, E. J. (2006). An exquisitely preserved fossil sturgeon (Acipenseriformes: Acipenseridae: gen. et sp. nov.) from the Upper Cretaceous Judith River Formation of Montana. *Memoir 4, J. Vert. Paleont.* 80: 1-40.

Hilton, E.J., and **Grande, L.** (2006). Review of the fossil record of sturgeons, family Acipenseridae (Actinopterygii, Acipenseriformes), from North America. *J. Paleont.* 80: 672-683.

Kammerer, C., Westneat, M., and **Grande, L.** (2006). Comparative and developmental jaw mechanics of gars (Lepisosteidae). *J. Morph.* 267: 1017-1031.

Grande, L., Bekken, D., O'Shea, N. (2006). Meet a new generation of scientists. *In the Field* 78: 10-13.

Lori Grove

Grove, L., and Ingram, J. E. (2006). *Images of America*, Lake Orion, Arcadia Publishing, Inc.

Eric Hilton

Hilton, E. J., and Grande, L. (2006). Review of the fossil record of sturgeons, family Acipenseridae (Actinopterygii: Acipenseriformes), from North America. *J. Paleontol.* 80: 672-683.

Grande, L., and **Hilton, E. J.** (2006). An exquisitely preserved skeleton representing a primitive sturgeon from the Upper Cretaceous Judith River Formation of Montana (Acipenseriformes: Acipenseridae: n. gen. and sp.). *J. Paleontol., Mem.* 65, suppl. to 80(4): 1-39.

Hilton, E. J., and Cox Fernandes, C. (2006). Sexual dimorphism in *Apteronotus bonapartii* (Gymnotiformes: Apteronotidae). *Copeia* 2006: 826-833.

Christian Kammerer

Kammerer, C., Westneat, M., and Grande, L. (2006). Comparative and developmental jaw mechanics of gars (Lepisosteidae). *J. Morph.* 267:1017-1031.

Scott Lidgard

Steinhorsdottir, M., **Lidgard, S.**, Håkansson, E. (2006). Fossils, sediments, tectonics—reconstructing palaeoenvironments in a Pliocene-Pleistocene Mediterranean microbasin. *Facies* 52: 361-380.

Wagner, P. J., Kosnik, M. A., **Lidgard, S.** (2006). Abundance distributions imply elevated complexity of post-Paleozoic marine ecosystems. *Science* 314: 1289-1292.

Peter J. Makovicky

Makovicky, P. J., and Norell, M. A. (2006). *Yamaceratops dornigobiensis*, a new primitive ceratopsian (Dinosauria: Ornithischia) from the Cretaceous of Mongolia. *Amer. Mus. Novitates* 3530: 1-42.

Grellet-Tinner, G., and **Makovicky, P.** (2006). A possible egg of the dromaeosaur *Deinonychus antirrhopus*: phylogenetic and biological implications. *Canad. J. Earth Sci.* 43: 705-719.

Zhao, X. J., Cheng, Z. W., Xu, X., and **Makovicky, P. J.** (2006). A new ceratopsian from the Upper Jurassic Houcheng Formation of Hebei, China. *Acta Geologica Sinica-English Edition* 80: 467-473.

Olivier C. Rieppel

Rieppel, O. (2006). The PhyloCode: a critical discussion of its theoretical foundation. *Cladistics* 22: 186-197.

Rieppel, O. (2006). The type in morphology and phylogeny. *J. Morph.* 267: 528-535.

Rieppel, O. (2006). Willi Hennig on transformation series: metaphysics and epistemology. *Taxon* 55: 377-385.

Rieppel, O. (2006). The taxonomic hierarchy. *The Systematist* 2006 (26): 5-9.

Rieppel, O. (2006). The merits of similarity reconsidered. *Systematics and Biodiversity* 4: 137-147.

Rieppel, O. (2006). On concept formation in systematics. *Cladistics* 22:474-492.

Kearney, M., and **Rieppel, O.** (2006). Rejecting “the given” in systematics. *Cladistics* 22: 369-377.

Rieppel, O., and Kearney, M. (2006). The poverty of taxonomic characters. *Biol. Philos.* December. (<http://www.springerlink.com/content/h1045281150h849p/?p>)

Rieppel, O., and Liu, J. 2006. On *Xinpusaurus* (Reptilia: Thalattosauria). *J. Vert. Paleont.* 26: 200-204.

Fröbisch, M. B., Sander, P. M., and **Rieppel, O.** (2006). A new species of *Cymbospondylus* (Diapsida, Ichthyosauria) from the Middle Triassic of Nevada and a re-evaluation of the skull osteology of the genus. *Zool. J. Linn. Soc.* 147: 515-538.

Kearney, M., and **Rieppel, O.** (2006). An investigation into the occurrence of plicidentine in the teeth of squamate reptiles. *Copeia* 2006(3): 337-350.

Tsuihiji, T., Kearney, M., and **Rieppel, O.** (2006). First report of a pectoral muscle in snakes, with comments on the snake cervico-dorsal boundary. *Copeia* 2006(2): 206-215.

Fraser, N. C., and **Rieppel, O.** (2006). A new protosaur (Diapsida) from the upper Buntsandstein of the Black Forest, Germany. *J. Vert. Paleont.* 26(4): 26-91.

Rieppel, O., Liu J., and Li C. (2006). A new species of the thalattosaur genus *Anshunsaurus* (Reptilia: Thalattosauria) from the Middle Triassic of Guizhou Province, southwestern China. *Vert. Palasiatica* 44: 285-296.

Rieppel, O. (2006). Parsimony, likelihood, and instrumentalism in systematics. *Biol.Philos.* October. (<http://www.springerlink.com/content/h1045281150h849p/>)

Marcello Ruta

Ruta, M., Wagner, P. J. and Coates, M. I. (2006). Evolutionary patterns in early tetrapods. I: Rapid initial diversification followed by decrease in rates of character change. *Proc. Roy. Soc. Lond., Ser. B. Biological Sciences* 273: 2107-2111.

Wagner, P. J., **Ruta, M.**, and Coates, M. I. (2006). Evolutionary patterns in early tetrapods. II: Differing constraints on available character space among clades. *Proc. Roy. Soc. Lond., Ser. B. Biological Sciences* 273: 2113-2118.

Neil H. Shubin

Shubin, N., Daeschler, E., and Jenkins, Jr, F. (2006). The pectoral fin of *Tiktaalik roseae* and the origin of the tetrapod limb. *Nature* 440: 764-771.

Daeschler, E., **Shubin, N.**, and Jenkins, Jr, F. (2006). A Devonian tetrapod-like fish and the evolution of the tetrapod body plan. *Nature* 440: 757-763

Peter J. Wagner

Wagner, P. J., Kosnik, M. A., and Lidgard, S. (2006). Abundance distributions imply elevated complexity of post-Paleozoic marine ecosystems. *Science* 314: 1289-1292.

Wagner, P. J., Ruta, M., and Coates, M. I. (2006). Evolutionary patterns in early tetrapods. II: Differing constraints on available character space among clades. *Proc. Roy. Soc. Lond., Ser. B. Biological Sciences* 273: 2113-2118.

Ruta, M., **Wagner, P. J.** and Coates, M. I. (2006). Evolutionary patterns in early tetrapods. I: Rapid initial diversification followed by decrease in rates of character change. *Proc. Roy. Soc. Lond., Ser. B. Biological Sciences* 273: 2107-2111.

Madin, J. S., Alroy, J., Aberhan, M., Fürsich, F. T., Kiessling, W., Kosnik, M. A., and **Wagner, P. J.** (2006). Statistical independence of escalatory ecological trends in Phanerozoic marine invertebrates. *Science* 312: 897-900.

Wagner, P. J., and Erwin, D. H. (2006). Patterns of convergence in general shell form among Paleozoic gastropods. *Paleobiol.* 32: 315-336.

Kosnik, M. A., and **Wagner, P. J.** (2006). Effects of taxon abundance distributions on the number of taxa sampled. *Evol. Ecol. Res.* 8: 195-211.

Plotnick, R. E., and **Wagner, P. J.** (2006). Round up the usual suspects: occurrence distribution and wastebasket taxa in the fossil record. *Paleobiol.* 32: 126-146.

DEPARTMENT OF ZOOLOGY

John M. Bates

Bates, J. M. (2006). The seasonal movements of southern populations of Dull-colored Grassquit (*Tiaris obscura obscura*). *Bull. Brit. Orn. Club* 126: 50-53.

Bowie, C. K. R., Fjeldså, J., Hackett, S. J., **Bates, J. M.**, and Crowe, T. M. (2006). Coalescent models reveal the relative roles of ancestral polymorphism, vicariance, and dispersal in shaping phylogeographical structure of an African montane forest robin. *Mol. Phylogenet. Evol.* 38: 171-188.

Tello, J. G., Degner, J. F., **Bates, J. M.**, and Willard, D. E. (2006). A new species of Hanging-Parrot (*Loriculus*) from Camiguin Island, Philippines. In: *The Mammals and Birds of Camiguin Island, Philippines, a Distinctive Center of Biodiversity*, ed. L. R. Heaney, 58-72. *Fieldiana Zool.*, n.s. 106: 1-72.

Rüdiger Bieler

Bieler, R. (ed.). (2006). Bivalvia. *Zool. J. Linn. Soc.* 148(3).

Bieler, R., and Mikkelsen, P. M. (2006). Bivalvia: a look at the branches. *Zool. J. Linn. Soc.* 148(3): 223-235.

Bieler, R., and Petit, R. E. (2006). *Helicaculus* d'Orbigny, 1842 (Mollusca, Gastropoda): proposed conservation. *Bull. Zool. Nomencl.* 63(3): 163-166.

Healy, J. M., Mikkelsen, P. M., and **Bieler, R.** (2006). Sperm ultrastructure in *Glaucanome plankta* and its relevance to the affinities of the Glaucanomidae (Bivalvia: Heterodonta). *Invertebr. Reprod. Dev.* 49 (1-2): 29-39.

Kappner, I., and **Bieler, R.** (2006). Phylogeny of venus clams (Bivalvia: Venerinae) as inferred from nuclear and mitochondrial gene sequences. *Mol. Phylogenet. Evol.* 40(2): 317-331.

Mikkelsen, P. M., **Bieler, R.**, Kappner, I., and Rawlings, T. A. (2006). Phylogeny of Veneroidea (Mollusca: Bivalvia) based on morphology and molecules. *Zool. J. Linn. Soc.* 148(3): 439-521.

Carl W. Dick

Dick, C. W. (2006). The streblid bat flies (Diptera: Streblidae) of Guatemala. In *Biodiversidad de Guatemala, Vol. 1*, ed. E. Cano, 441-452. Guatemala: Universidad del Valle de Guatemala.

Dick, C. W., and Dick, S. C. (2006). Effects of prior infestation on host choice of bat flies (Diptera: Streblidae). *J. Med. Entomol.* 43: 433-436.

Dick, C. W., and Patterson, B. D. (2006). Bat flies: Obligate ectoparasites of bats. In *Micromammals and Macroparasites: from Evolutionary Ecology to Management*, ed. S. Morand, B. Krasnov, and R. Poulin, 179-194. Springer-Verlag Publishing.

Dick, C. W., and Wenzel, R. L. (2006). A new genus and species of trichobiine bat flies (Diptera: Hippoboscoidea: Streblidae) from Costa Rica. *Insect Syst. Evol.* 37: 433-442.

Gracioli, G., **Dick, C. W.**, and Gettinger, D. (2006). A faunal survey of nycteribiid flies (Diptera: Nycteribiidae) associated with bats in Paraguay. *Zootaxa* 1220: 35-46.

Jack Fooden

Fooden, J. (2006). Comparative review of *fascicularis*—group species of macaques (Primates: *Macaca*). *Fieldiana Zool., n.s.* 107.

Jochen Gerber

Gerber, J. (2006). Dorothy E. Beetle-Pillmore (1918-2005). *Am. Malacol. Soc. News.* 37(1): 7-8.

Gerber, J. (2006). Muscheln und Schnecken (Mollusca). In *Das Benninger Ried. Insel der Vielfalt*, 56-57. Augsburg: Regierung von Schwaben.

Gerber, J. (2006). Snails and clams (Mollusca: Gastropoda et Bivalvia) from the carbonate fen complex "Benninger Ried," Bavaria, Germany. *Lauterbornia* 57: 71-78.

Gerber, J. (2006). Weichtiere (Mollusca). In *Quellen im Nationalpark Berchtesgaden; Lebensgemeinschaften als Indikatoren des Klimawandels, Nationalpark Berchtesgaden Forschungsbericht 51*, ed. R. Gerecke and H. Franz, 115-119.

Thomas Gnoske

Gnoske, T. P., Celesia, G., and Kerbis Peterhans, J. C. (2006). Dissociation between mane development and sexual maturity in lions (*Panthera leo*): Solution to the Tsavo Riddle? *J. Zool. Lond.* 270(4): 551-560.

Steven M. Goodman

Bates, P. J. J., Ratrimomanarivo, F. H., Harrison, D., and **Goodman, S. M.** (2006). A review of pipistrelles and serotines (Chiroptera: Vespertilionidae) from Madagascar, including the description of a new species of *Pipistrellus*. *Acta Chiropt.* 8: 299-324.

Dollar, L., Ganzhorn, J. U., and **Goodman, S. M.** (2006). Primates and other prey in the seasonally variable diet of *Cryptoprocta ferox* in the dry deciduous forest of western Madagascar. In *Primate Anti-Predator Strategies*, eds. S.L. Gursky and K.A.I. Nekaris, 63-76. Springer Press, New York.

Ganzhorn, J. U., **Goodman, S. M.**, Nash, S., and Thalmann, U. (2006). Lemur biogeography. In *Primate biogeography*, ed. S. Lehman and J. G. Fleagle, 229-254. New York: Plenum/Kluwer Press.

Goodman, S. M. (2006). Hunting of Microchiroptera in extreme south-western Madagascar. *Oryx* 40: 225-228.

Goodman, S. M. (2006). Training and biodiversity assessment in the dry deciduous forests of Madagascar. In *Proceedings of the German-Malagasy research cooperation in life and earth sciences*, ed. C. Schwitzer, S. Brandt, O. Ramilijaona, M. Rakotomalala Razanahoera, D. Ackermann, R. Razakamanana, and J. U. Ganzhorn, 73-77. Berlin: Concept Verlag.

Goodman, S. M., Burney, D. A., and Vasey, N. (2006). The subfossil occurrence and paleoecological implications of *Macrotarsomys petteri* (Rodentia: Nesomyidae) in extreme southeastern Madagascar. *Comptes rendus Palevol.* 5: 953-962.

- Goodman, S. M.**, Cardiff, S. G., Ranivo, J., Russell, A. L., and Yoder, A. D. (2006). A new species of *Emballonura* (Emballonuridae: Chiroptera) from the dry regions of Madagascar. *Amer. Mus. Novit.* 3538: 1-24.
- Goodman, S. M.**, and Griffiths, O. (2006). A case of exceptionally high predation levels of *Rousettus madagascariensis* by *Tyto alba* (Aves: Tytonidae) in western Madagascar. *Acta Chiropt.* 8: 553-556.
- Goodman, S. M.**, Rakotoarisoa, S. V., and Wilmé, L. (2006). The distribution and biogeography of the Ring-tailed Lemur (*Lemur catta*). In *Ringtailed lemur Biology*, ed. A. Jolly, N. Koyama, H. Rasamimanana, and R. W. Sussman. New York: Kluwer Academic/Plenum Publishers.
- Goodman, S. M.**, Ratrimomanarivo, F. H., and Randrianandrianina, F. H. (2006). A new species of *Scotophilus* (Chiroptera: Vespertilionidae) from western Madagascar. *Acta Chiropt.* 8:21–37.
- Goodman, S. M.**, Raxworthy, C. J., Maminirina, C. P., and Olson, L. E. (2006). A new species of *Microgale* (Family Tenrecidae) from the Tsaratanana Massif of northern Madagascar: Description, phylogeny and biogeography. *J. Zool.* 270: 384-398.
- Goodman, S. M.**, and Wilmé, L. (2006). Introduction. Dans Suivi de la biodiversité de la forêt littorale de Tampolo. In *Centre d'Information et de Documentation Scientifique et Technique, Antananarivo, Recherches pour le Développement, Série Sciences biologiques No. 23*, ed. S. M. Goodman et L. Wilmé, 1-36.
- Goodman, S. M.**, and Wilmé, L. (2006). Inventaires de la faune et de la flore du nord de Madagascar dans la région Loky-Manambato, à Analamerana et à Andavakoera. In *Centre d'Information et de Documentation Scientifique et Technique, Antananarivo, Recherches pour le Développement, Série Sciences biologiques No. 23*, ed. S. M. Goodman et L. Wilmé, 1-238.
- Goodman, S. M.** (one of 26 co-authors) (2006). *Atlas de la peste à Madagascar*. Paris: IRD, Institut Pasteur et agence universitaire de la francophonie.
- lehlé, C., Razafitrimo, G., Razainirina, J., Andriaholinirina, N., **Goodman, S. M.**, Faure, C., Georges-Courbot, M.-C., Rousset, D., and Reynes, J.M. (2006). Survey for henipaviruses and Tioman virus in frugivorous bats (Chiroptera: Pteropodidae) from Madagascar. *Emerg. Infect. Dis.* 13: 159-161.
- Lourenço, W. R., **Goodman, S. M.**, and Fisher, B. L. (2006). A reappraisal of the geographical distribution of the endemic family Microcharmidae Lourenço (Scorpiones) in Madagascar and description of eight new species and subspecies. *Occas. Pap. Calif. Acad. Sci.* 57(26): 751-783.
- Lourenço, W. R., and **Goodman, S. M.** (2006). A reappraisal of the geographical distribution of the genus *Opisthacanthus* Peters, 1861 (Scorpiones: Liochelidae) in Madagascar, including the description of four new species. *Bol. Soc. Entomol. Aragonesa* 38: 11–23.
- Lourenço, W. R., and **Goodman, S. M.** (2006). A reappraisal of the geographical distribution of the genus *Pseudouroplectes* Lourenço (Scorpiones: Buthidae) in Madagascar. *Comptes Rendus Acad. Sci. Paris, Sci. de la vie* 329: 117-123.
- Lourenço, W. R., and **Goodman, S. M.** (2006). Description of a new species of *Heteroscorpion* Birula, 1903 (Scorpiones, Heteroscorpionidae) from the Montagne des Français in extreme northern Madagascar. *Zootaxa* 1269: 31-41.
- Lourenço, W. R., and **Goodman, S. M.** (2006). Further considerations regarding the status of *Grosphus madagascariensis* (Gervais) and *Grosphus hirtus* Kraepelin, and description of a new species (Scorpiones, Buthidae). *Rev. Suisse de Zool.* 113: 247-261.

Lourenço, W. R., and **Goodman, S. M.** (2006). Notes on the postembryonic development and ecology of *Grosphus hirtus* Kraepelin, 1901 (Scorpiones, Buthidae) from the Parc National d'Ankarafantsika, northwest Madagascar. *Zool. Anzeiger* 244: 181-185.

Mahazotahy, S., **Goodman, S. M.**, and Andriamanalina, A. (2006). Notes on the distribution and habitat preferences of *Galidictis grandidieri* Wozencraft, 1986 (Carnivora: Eupleridae), a poorly known endemic species of south-western Madagascar. *Mammalia* 70: 328-330.

Raheriarisena, M., and **Goodman, S. M.** (2006). Les petits-mammifères non-volants dans l'extrême nord de Daraina, Analamerana et Andavakoera. In *Centre d'Information et de Documentation Scientifique et Technique, Antananarivo, Recherches pour le Développement, Série Sciences biologiques No. 23*, ed. S. M. Goodman et L. Wilmé, 175-230.

Ranivo, J., and **Goodman, S. M.** (2006). Révision taxinomique des *Triaenops* Malgaches (Mammalia: Chiroptera: Hipposideridae). *Zoosystema* 28: 963-985.

Soarimalala, V., and **Goodman, S. M.** (2006). Diversité et distribution des micro-mammifères dans les zones de forêts humides reliant le complexe Andringitra-Ranomafana au centre est de Madagascar. *Bull. Soc. Zool. de France* 131: 117-134.

Wilmé, L., **Goodman, S. M.**, and Ganzhorn, J. U. (2006). Biogeographic evolution of Madagascar's microendemic biota. *Science* 312: 1063-1065.

Shannon J. Hackett

Bowie, R. C. K., Fjeldsa, J., **Hackett, S. J.**, Bates, J. M., and Crowe, T. M. (2006). Coalescent models reveal the relative roles of ancestral polymorphism, vicariance, and dispersal in shaping phylogeographical structure of an African montane forest robin. *Mol. Phylogenet. Evol.* 38 (1): 171-188.

Cheviron, Z. A., **Hackett, S. J.**, and Brumfield, R. T. (2006). Sequence variation in the coding region of the melanocortin-1 receptor gene (MC1R) is not associated with plumage variation in the blue-crowned manakin (*Lepidothrix coronata*). *Proc. R. Soc., B* 273 (1594): 1613-1618.

Hackett, S. J., Feldheim, K., and Alvey, M. (2006). Genes and Genius: The Inheritance of Gregor Mendel. *DNA Cell Biol.* 25(12): 655-658.

Lawrence R. Heaney

Balete, D. S., Rickart, E. A., and **Heaney, L. R.** (2006). A new species of the shrew-mouse, *Archboldomys* (Rodentia: Muridae: Murinae) from the Philippines. *System. Biodiv.* 4: 489-501.

Balete, D. S., Tabaranza, Jr., B. R., and **Heaney, L. R.** (2006). An annotated checklist of the land birds of Camiguin Island, Philippines. *Fieldiana Zool., n.s.* 106: 58-72.

Catibog-Sinha, C. C., and **Heaney, L. R.** (2006). *Philippine Biodiversity, Principles and Practice*. Philippines: Haribon Foundation.

Croft, D. A., **Heaney, L. R.**, Flynn, J. J., and Bautista, A. P. (2006). Fossil remains of a new, diminutive *Bubalus* (Artiodactyla: Bovidae: Bovini) from Cebu Island, Philippines. *J. Mammal.* 87: 1037-1051.

Jansa, S., Barker, K., and **Heaney, L. R.** (2006). Molecular phylogenetics and divergence time estimates for the endemic rodents of the Philippine Islands: Evidence from mitochondrial and nuclear gene sequences. *Syst. Biol.* 55: 73-88.

Heaney, L. R., (ed.). (2006). The Mammals and Birds of Camiguin Sur Island, Philippines, an Isolated Center of Biodiversity. *Fieldiana Zool., n.s.* 106: 1-72.

Heaney, L. R., and Tabaranza, Jr., B. R. (2006). A new species of forest mouse, genus *Apomys* (Mammalia: Rodentia: Muridae) from Camiguin Island, Philippines. *Fieldiana Zool.*, n.s. 106: 14-27.

Heaney, L. R., and Tabaranza, Jr., B. R. (2006). Mammal and Land Bird Studies on Camiguin Island, Philippines: Background and Conservation Priorities. *Fieldiana Zool.*, n.s. 106: 1-13.

Heaney, L. R., Tabaranza Jr., B. R., Balete, D. S., Rickart, E. A., and Ingle, N. R. (2006). The mammals of Mt. Kitanglad Nature Park, Mindanao, Philippines. *Fieldiana Zool.*, n.s.

Heaney, L. R., Tabaranza, Jr., B. R., Balete, D. S., and Rigertas, N. (2006). Synopsis and biogeography of the mammals of Camiguin Island, Philippines. *Fieldiana Zool.*, n.s. 106: 28-48.

Robert F. Inger

Inger, R. F., Stuebing, R. B., and Stuart, B. L. (2006). The tadpole of *Rana glandulosa* Boulenger (Anura:Ranidae). *Raffles Bull. Zool.* 54: 465-467.

Stuart, B. L., Chuaynkern, Y., Chan-ard, T., and **Inger, R. F.** (2006). Three new species of frogs and a new tadpole from eastern Thailand. *Fieldiana Zool.* n.s. 111: 1-19.

Stuart, B. L., **Inger, R. F.**, and Voris, H. K. (2006). High levels of cryptic species diversity revealed by sympatric lineages of Southeast Asian forest frogs. *Biol. Letters* 2: 470-474.

Maureen Kearney

Kearney, M. (2006). Philosophy and Phylogenetics: Historical and Current Connections. In *Cambridge Companion to the Philosophy of Biology*, ed. David Hull and Michael Ruse.

Kearney, M., and Rieppel, O. (2006). An investigation into the occurrence and distribution of plicidentine in the teeth of squamate reptiles. *Copeia* 2006 (3): 337-350.

Kearney, M., and Rieppel, O. (2006). Rejecting the 'Given' in systematics. *Cladistics* 22: 1-9.

Kley, N., and **Kearney, M.** (2006). Adaptations to digging and burrowing. In *Fins and Limbs: Evolution, Development, and Transformation*, ed. Brian K. Hall.

Mahler, L., and **Kearney, M.** (2006). The palatal dentition in squamate reptiles: morphology, development, attachment, and replacement. *Fieldiana Zool.* n.s., 108: 1-61.

Stuart, B. L., Dugan, K., Allard, M. W., and **Kearney, M.** (2006). Extraction of nuclear DNA from bone of skeletonized and fluid-preserved museum specimens. *Syst. Biodiv.* 4: 133-136.

Tsuihiji, T., **Kearney, M.**, and Rieppel, O. (2006). First report of a pectoral girdle muscle in snakes, with comments on the snake cervico-dorsal boundary. *Copeia* 2006(2): 206-215.

Alfred F. Newton

Lingafelter, S., Anderson, B., Timm, B., Falin, Z., Jameson, M. L., **Newton, A. F.**, Ball, G., Ahn, K.-J., and Leschen, R. (2006). In memoriam, James Stephen "Steve" Ashe (1947-2005). *Coleopts. Bull.* 60(1): 1-12.

Navarrete-Heredia, J.-L., Gómez-Rodríguez, C., and **Newton, A. F.** (2006). Staphylinidae (Insecta: Coleoptera) of the Biología Centrali-Americana: Current status of the names. *Zootaxa* 1251: 1-70.

Newton, A. F. (2006). *Habrocerus capillaricornis* (Coleoptera: Staphylinidae) discovered in South Africa. *Afr. Entom.* 14(1): 193-194.

Newton, A. F., Gutiérrez Chacón, C., and Chandler, D. S. (2006). Checklist of the Staphylinidae (Coleoptera) of Colombia. Listado de los Staphylinidae (Coleoptera) de Colombia. *Biota Colombiana* 6 (1): 1-72.

Newton, A. F., and Peck, S. B. (2006). Family Staphylinidae, the rove beetles. In *The beetles of the Galápagos Islands, Ecuador: evolution, ecology and diversity (Insecta: Coleoptera)*, ed. S. B. Peck, 131-158. Ottawa, Ontario, Canada: NRC Research Press.

Bruce D. Patterson

D'Elia, G., Luna, L., González, E. M., and **Patterson, B. D.** (2006). On the Sigmodontinae radiation (Rodentia, Cricetidae): An appraisal of the phylogenetic position of *Rhagomys*. *Mol. Phylogenet. Evol.* 38: 558-564.

Dick, C. W., and **Patterson, B. D.** (2006). Bat flies: obligate ectoparasites of bats. In *Micromammals and macroparasites: from evolutionary ecology to management*, ed. S. Morand, B. Krasnov, and R. Poulin, 179-194. Tokyo: Springer-Verlag.

Patterson, B. D. (2006). A new age of discovery for mammals. Review of *Mammal Species of the World*, 3rd ed., by D. E. Wilson and D. M. Reeder, eds. *J. Mammal. Evol.* 13: 309-311.

Patterson, B. D. (2006). Review of *Foundations of Biogeography*: classic papers with commentaries, edited by Lomolino et al. *Persp. Biol. Med.* 49: 152-154.

Patterson, B. D., Kays, R. W., Kasiki, S. M., and Sebestyen, V. M. (2006). Developmental effects of climate on the mane of the lion (*Panthera leo*). *J. Mamm.* 87: 193-200.

Patterson, B. D., Stotz, D. F., and Solari, S. (2006). Biological surveys and inventories in Manu. In *Mammals and Birds of the Manu Biosphere Reserve, Peru*, ed. B. D. Patterson, D. F. Stotz, and S. Solari, 3-12. *Fieldiana Zool., n.s.* 110.

Patterson, B. D., Stotz, D. F., and Solari, S. (eds.) (2006). Mammals and Birds of the Manu Biosphere Reserve, Peru. *Fieldiana Zool., n.s.* 110.

Patterson, B. D., and P. Velazco (2006). A distinctive new cloud-forest rodent (Hystricognathi: Echimyidae) from the Manu Biosphere Reserve, Peru. *Mastozoología Neotropical* 13(2): 175-191.

Solari, S., Pacheco, V., Luna, L., Velazco, P. M., and **Patterson, B. D.** (2006). Mammals of the Manu Biosphere Reserve. In *Mammals and Birds of the Manu Biosphere Reserve, Peru*, ed. B. D. Patterson, D. F. Stotz, and S. Solari, 13-22. *Fieldiana: Zool., n.s.* 110.

Julian C. Kerbis Peterhans

Carleton, M. D., **Kerbis Peterhans, J. C.**, and Stanley, W. T. (2006). Review of the *Hylomyscus denniae* group (Rodentia: Muridae) in eastern Africa, with comments on the generic allocation of *Epimys endorobae* Heller. *Proc. Biol. Soc. Wash.* 119(2): 293-325.

Gnoske, T. P., Celesia, G., and **Kerbis Peterhans, J. C.** (2006). Dissociation between mane development and sexual maturity in lions (*Panthera leo*): Solution to the Tsavo Riddle? *J. Zool. Lond.* 270(4): 551-560.

Kerbis Peterhans, J. C., and Singer, R. (2006). The Taphonomy of a lair near the Peers (or Skildegat) cave in Fish Hoek, Western Cape Province, South Africa. *S. Afr. Archeol. Bull.* 61(183): 2-18.

Petra Sierwald

Baxtrom, C., Mongkolpradit, T., Kasimos, J., Braune, L. M., Weiss, R., **Sierwald, P.**, and Ramsey, K. H. (2006). Common household spiders are not likely vectors of community-acquired Methicillin-resistant *Staphylococcus aureus* infections. *J. Med. Ent.* 43 (5): 962-965.

Rowe, M., and **Sierwald, P.** (2006). Morphological and systematic study of the tribe Australiosomatini (Diplopoda: Polydesmida: Paradoxosomatidea: Paradoxosomatidae) with the description of new species and a revision of the genus *Australiosoma*. *Invert. Syst.* 20: 227-256.

Snyder, B. A., Draney, M. L. and **Sierwald, P.** (2006). Development of an optimal sampling protocol for millipedes (Diplopoda). *J. Ins. Conserv.* 10(3): 277-288.

Alexey Solodovnikov

Solodovnikov, A. Yu. (2006). Adult and larval descriptions of a new termitophilous genus of the tribe Staphylinini with two species from South America (Coleoptera: Staphylinidae). *Proc. Russ. Entomol. Soc.* 77: 274-283.

Solodovnikov, A. Yu. (2006). Revision and phylogenetic assessment of *Afroquedius* gen. nov. from South Africa: toward new concepts of the genus *Quedius*, subtribe Quediina and reclassification of the tribe Staphylinini (Coleoptera: Staphylinidae: Staphylininae). *Ann. Entomol. Soc. Am.* 99(6): 1064-1084.

William T. Stanley

Davenport, T. R. B., **W. T. Stanley**, E. J. Sargis, D. W. De Luca, N. E. Mpunga, S. J. Machaga & L. E. Olson. (2006). A new genus of African monkey, *Rungwecebus*: morphology, ecology, and molecular phylogenetics. *Science* 312: 1378-1381.

Carleton, M.D., J.C. Kerbis Peterhans & **W.T. Stanley**. (2006). Review of the *Hylomyscus denniae* group (Rodentia: Muridae) in eastern Africa, with comments on the generic allocation of *Epimys endorobae* Heller. *Proc. Biol. Wash.* 119: 293-325.

Bryan L. Stuart

Bain, R. H., and **Stuart, B. L.** (2006). Significant new records of the Junlian odorous frog, *Odorrana junlianensis* Huang, Fei, and Ye, 2001. *Hamadryad* 30(1-2): 151-156.

Bain, R. H., **Stuart, B. L.**, and Orlov, N. L. (2006). Three new Indochinese species of cascade frogs (Amphibia: Ranidae) allied to *Rana archotaphus*. *Copeia* 2006 (1): 43-59.

Inger, R. F., Stuebing, R. B., and **Stuart, B. L.** (2006). The tadpole of *Rana glandulosa* Boulenger (Anura: Ranidae). *Raffles B. Zool.* 54(2): 465-467.

Parham, J. F., **Stuart, B. L.**, and Orlov, N. L. (2006). Geographic distribution: *Mauremys annamensis*. *Herpetol. Rev.* 37(2): 239.

Parham, J. F., Türkozan, O., **Stuart, B. L.**, Arakelyan, M., Shafei, S., Macey, J. R., and Papenfuss, T. J. (2006). Genetic evidence for premature taxonomic inflation in Middle Eastern tortoises. *Proc. Calif. Acad. Sci.* 57(3): 955-964.

Platt, S. G., Sovannara, H., Kheng, L., **Stuart, B. L.**, and Walston, J. (2006). *Crocodylus siamensis* along the Sre Ambel River, southern Cambodia: habitat, nesting, and conservation. *Herpetol. Nat. Hist.* 9 (2): 183-188.

Stuart, B. L. (2006). A second specimen of *Parahelicops annamensis* Bourret, 1934 (Serpentes: Colubridae: Natricinae). *Hamadryad* 30(1-2): 167-171.

Stuart, B. L., Chuaynkern, Y., Chan-ard, T., and Inger, R. F. Three new species of frogs and a new tadpole from eastern Thailand. *Fieldiana Zool. n.s.* 111: 1-19.

Stuart, B. L., Dugan, K. A., Allard, M. W., and Kearney, M. (2006). Extraction of nuclear DNA from bone of skeletonized and fluid-preserved museum specimens. *System. Biodiv.* 4(2): 133-136.

Stuart, B. L., and Emmett, D. A. (2006). A collection of amphibians and reptiles from the Cardamom Mountains, southwestern Cambodia. *Fieldiana Zool.*, n.s. 109: 1-27.

Stuart, B. L., and Grismer, L. L. (2006). [Letter to the Editor] Captive breeding and a threatened gecko. *Science* 313: 915.

Stuart, B. L., Heatwole, H. F., and Tan, F. L. (2006). Record of the little-known *Rana nigrotympanica* Dubois, 1992 (Amphibia: Ranidae) from northern Laos. *Hamadryad* 30(1-2): 108-113.

Stuart, B. L., Inger, R. F., and Voris, H. K. (2006). High level of cryptic species diversity revealed by sympatric lineages of Southeast Asian forest frogs. *Biol. Letters* 2: 470-474.

Stuart, B. L., and Parham, J. F. (2006). Recent hybrid origin of three rare Chinese turtles. *Conserv. Genet.* 8: 169-175.

Stuart, B. L., Rhodin, A. G. J., Grismer, L. L., and Hansel, T. (2006). [Letter to the Editor] Scientific description can imperil species. *Science* 312: 1137.

Stuart, B. L., Sok, K., and Neang, T. (2006). A collection of amphibians and reptiles from hilly eastern Cambodia. *Raffles B. Zool.* 54(1): 129-155.

Janet R. Voight

Voight, J. R. (2006). Mollusca: Cephalopoda: Incirrata Benthocropus. In *Handbook of deep-sea hydrothermal vent fauna*, ed. D. Desbruyères and M. Segonzac, 171. Plouzané, France: Editions IFREMER.

Voight, J. R. (2006). Mollusca: Cephalopoda: Incirrata Graneledone. In *Handbook of deep-sea hydrothermal vent fauna*, ed. D. Desbruyères and M. Segonzac, 172. Plouzané, France: Editions IFREMER.

Voight, J. R. (2006). Stauromedusae on the East Pacific Rise. *Cahiers de Biologie Marine* 47: 347-352.

Voight, J. R., Guerra, A., and Villaneuva, R. (2006). Mollusca: Cephalopoda: Introduction. In *Handbook of deep-sea hydrothermal vent fauna*, ed. D. Desbruyères and M. Segonzac, 166. Plouzané, France: Editions IFREMER.

Harold K. Voris

Aowphol, A., Thirakhupt, K., Nabhitabhata, J., and **Voris, H. K.** (2006). Foraging ecology of the Tokay gecko *Gekko gekko* in a residential area in Thailand. *Amphibia-Reptilia* 27 (2006):491-503.

Hill, J. G., Chanhom, L., Artchawakom, T., Thirakupt, K., and **Voris, H. K.** (2006). Nest attendance by a female Malayan pit viper (*Calloselasma rhodostoma*) in northeast Thailand. *Nat. Hist. J. Chulalongkorn Univ.* 6(2): 57-66.

Sathiamurthy, E., and **Voris, H. K.** (2006). Maps of Holocene sea level transgression and submerged lakes on the Sunda Shelf. *Nat. Hist. J. Chulalongkorn Univ.* Supplement 2: 1-43.

Stuart, B. L., Inger, R. F., and **Voris, H. K.** (2006). High levels of cryptic species diversity revealed by sympatric lineages of Southeast Asian forest frogs. *Biol. Lett.* 2: 470-474.

Stuebing, R. B., Bezuijen, M. R., Auliya, M., and **Voris, H. K.** (2006). The current and historic distribution of *Tomistoma schlegelii* (the false gharial) (Muller, 1838) (Crocodylia, Reptilia). *Raffles Bul. Zool.* 54(1): 181-197.

Voris, H. K. (2006). Assessment of biodiversity among Southeast Asian amphibians and reptiles. *Nat. Hist. J. Chulalongkorn Univ.* 6(1): 1-10.

Jason D. Weckstein

Price, R. D., and **Weckstein, J. D.** (2006). *Picicola* Clay and Meinertzhagen (Phthiraptera: Philopteridae) from jacamars and puffbirds (Piciformes: Galbulidae, Bucconidae), with descriptions of five new species. *Zootaxa* 1367: 37-50.

Mark W. Westneat

Grubich, J. R. and **Westneat, M. W.** (2006). Four-bar linkage modelling in teleost pharyngeal jaws: computer simulations of bite kinetics. *J. Anat.* 209: 79-92.

Hale, M. E., Day, R. D., Thorsen, D. H., and **Westneat, M. W.** (2006). Pectoral fin coordination and gait transitions in steadily swimming juvenile reef fishes. *J. Exp. Biol.* 209: 3708-3718.

Kammerer, C. F., Grande, L., and **Westneat, M. W.** (2006). Comparative and developmental functional morphology of the jaws of living and fossil gars (Actinopterygii: Lepisosteidae). *J. Morph.* 267: 1017-1031+cover.

Westneat, M. W. (2006). The Living Marine Resources of the Eastern Central Atlantic: FAO species identification sheets for fishery purposes. In *Family Labridae*, ed. K. E. Carpenter. Food and Agriculture Organization of the United Nations.

Westneat, M. W. (2006). The Living Marine Resources of the Eastern Central Atlantic: FAO species identification sheets for fishery purposes. In *Family Scaridae*, ed. K. E. Carpenter. Food and Agriculture Organization of the United Nations.

Philip W. Willink

Willink, P. W., and Veraldi, F. M. (2006). *The fishes of Will County, Illinois*. Forest Preserve District of Will County.

Willink, P. W., Veraldi, F. M., Anton, T. G., and Ladonski, J. B. (2006). Fishes of Will County: from freckled madtom to invasive weatherfish. *Trans. Ill. St. Acad. Sci.* 99 Supp.:31.

Willink, P. W., Veraldi, F. M., and Ladonski, J. B. (2006). Rediscovery of the freckled madtom *Noturus nocturnus* Jordan & Gilbert in the Des Plaines River, Illinois. *Trans. Ill. St. Acad. Sci.* 99:169-173.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION**Kevin A. Feldheim**

Feldheim, K.A., M.L. McFarlane, and R.C.K. Bowie (2006). Isolation of highly polymorphic autosomal microsatellite loci and a sex-linked locus from sugarbirds. *Molecular Ecology Notes*. 6: 1019-1021.

Dudgeon, C.L., **K.A. Feldheim**, M. Schick, and J.R. Ovenden (2006). Polymorphic loci for the zebra shark. *Molecular Ecology Notes*. 6: 1086-1088.

Hackett, S. J., **Feldheim, K.**, and Alvey, M. (2006). Genes and Genius: The Inheritance of Gregor Mendel. *DNA Cell Biol.* 25(12): 655-658.

ACTIVE GRANTS

DEPARTMENT OF ANTHROPOLOGY

Gordon Ambrosino

Co-PI: Helen Robbins
Agency: National Park Service; NAGPRA
Project: Consultation with the Navajo Nation
Period: Jul 06–Jan 08
Amount: \$21,225

L. Antonio Curet

Co-PI: Will Pestle
Agency: National Science Foundation
Project: Diet and social stratification in ancient Puerto Rico
Period: Jul 06–Dec 07
Amount: \$149,720

Co-PI: Susan Kepecs
Agency: The Christopher Reynolds Foundation
Project: Enhancing intellectual exchange between Cuban and American archaeologists
Period: Aug 05–Jul 06
Amount: \$14,630

Co-PI: Susan Kepecs
Agency: Fundación Amistad
Project: Enhancing intellectual exchange between Cuban and American archaeologists
Period: Aug 05–Jul 06
Amount: \$5,000

Co-PI: Susan Kepecs
Agency: Social Science Research Council
Project: Enhancing intellectual exchange between Cuban and American archaeologists
Period: Aug 05–Jul 06
Amount: \$4,284

Scott Demel

Co-PI: Chap Kusimba
Agency: Pembroke Community Consolidated School District #259
Project: Budding archaeologist field school
Period: Jun 06–Aug 06
Amount: \$26,000

Gary M. Feinman

Co-PIs: Deborah Bekken, Karen Wilson
Agency: Department of Defense
Project: Iraq Cultural Heritage—The Kish Collection
Period: Aug 06–Jul 09
Amount: \$976,000

Co-PI: none
Agency: National Science Foundation
Project: The domestic economy of El Palmillo
Period: Mar 04–Jan 07
Amount: \$72,560

Co-PIs: Steve Nash, Ruth Norton
Agency: Save America's Treasures
Project: Preservation and Conservation of the North American Ethnographic and Archaeological Collections
Period: Jul 02–Oct 06
Amount: \$400,000

Co-PI: Anne Underhill
Agency: National Geographic Society
Project: The Yaowangcheng polity in southeastern Shandong, China
Period: Sep 05–Sep 06
Amount: \$20,000

Co-PIs: Phil Janney, Meenakshi Wadhwa, Ryan Williams
Agency: National Science Foundation
Project: Acquisition of LA-ICPMS and SEM-EDS for an elemental analysis facility at The Field Museum
Period: Sep 03–Aug 06
Amount: \$494,295

Jonathan Haas

Co-PI: Winifred Creamer
Agency: National Science Foundation
Project: Collaborative research: Residential variability as an indicator of social complexity in the late Archaic (3000 to 1800 BC) in the Fortaleza Valley, Peru
Period: Jul 06–Jun 08
Amount: \$115,046

Co-PI: none
Agency: Philanthropic Collaborative
Project: Americas research
Period: Apr 06–Mar 09
Amount: \$300,000

Chapurukha M. Kusimba

Co-PI: Scott Demel
Agency: Pembroke Community Consolidated School District #259
Project: Budding archaeologist field school
Period: Jun 06–Aug 06
Amount: \$26,000

Stephen E. Nash

Co-PI: none
Agency: Southwest Foundation
Project: Paul Sidney Martin archaeological sites recording project
Period: Jun 06–Aug 06
Amount: \$7,000

Co-PIs: Gary Feinman, Ruth Norton
Agency: Save America's Treasures
Project: Preservation and Conservation of the North American Ethnographic and Archaeological Collections
Period: Jul 02–Oct 06
Amount: \$400,000

Co-PI: none

Agency: Gaylord and Dorothy Donnelley Foundation

Project: Increasing public access to the World's Columbian Exposition Collection

Period: Sept 05–Aug 07

Amount: \$146,000

Co-PIs: Deborah Bekken, Will Pestle

Agency: National Endowment for the Humanities

Project: Reconciling the Past: A catalogue of scattered collections

Period: Sept 04–Aug 06

Amount: \$99,984

Isabel Tovar Neri

Co-PI: Helen Robbins

Agency: National Park Service; NAGPRA

Project: Consultation with the Zuni tribe of the Zuni Reservation, New Mexico

Period: Jul 04–Dec 07

Amount: \$43,320

Ruth Norton

Co-PI: Anne Underhill

Agency: The Blakemore Foundation

Project: Conservation of the Museum's Chinese Rubbings Collections

Period: Jun 05–May 07

Amount: \$10,000

Co-PI: Anne Underhill

Agency: E. Rhodes and Leona B. Carpenter Foundation

Project: Conservation of the Museum's Chinese Rubbings Collections

Period: Jun 05–May 07

Amount: \$50,000

Co-PIs: Gary Feinman, Steve Nash

Agency: Save America's Treasures

Project: Preservation and Conservation of the North American Ethnographic and Archaeological Collections

Period: Jul 02–Oct 06

Amount: \$400,000

Helen Robbins

Co-PI: Steve Nash

Agency: National Park Service; NAGPRA

Project: Consultation with the Navajo Nation

Period: Jul 06–Jan 08

Amount: \$21,225

Co-PI: Isabel Tovar Neri

Agency: National Park Service; NAGPRA documentation

Project: Consultation with the Crow tribe of Montana

Period: Jul 03–Dec 06

Amount: \$59,934

Co-PIs: Deborah Bekken, Francine Cabonargi
Agency: The Elizabeth F. Cheney Foundation
Project: Commissioning a new totem pole for The Field Museum
Period: Jul 05–Jul 08
Amount: \$56,000

Co-PI: Isabel Tovar Neri
Agency: National Park Service; NAGPRA
Project: Consultation with the Zuni tribe of the Zuni Reservation, New Mexico
Period: Jul 04–Dec 07
Amount: \$43,320

Anne P. Underhill

Co-PI: Gary Feinman
Agency: National Geographic Society
Project: The Yaowangcheng polity in southeastern Shandong, China
Period: Sep 05–Sep 06
Amount: \$20,000

Co-PI: Ruth Norton
Agency: The Blakemore Foundation
Project: Conservation of the Museum's Chinese Rubbings Collections
Period: Jun 05–May 07
Amount: \$10,000

Co-PI: Ruth Norton
Agency: E. Rhodes and Leona B. Carpenter Foundation
Project: Conservation of the Museum's Chinese Rubbings Collections
Period: Jun 05–May 07
Amount: \$50,000

Patrick Ryan Williams

Co-PIs: Gary Feinman, Phil Janney, Meenakshi Wadhwa
Agency: National Science Foundation
Project: Acquisition of LA-ICPMS and SEM-EDS for an elemental analysis facility at The Field Museum
Period: Sep 03–Aug 06
Amount: \$494,295

Karen Wilson

Co-PIs: Deborah Bekken, Karen Wilson
Agency: Department of Defense
Project: Iraq Cultural Heritage—The Kish Collection
Period: Aug 06–Jul 09
Amount: \$976,000

DEPARTMENT OF BOTANY

Michael O. Dillon

Co-PIs: Bill Alverson, Joanna McCaffrey, Christine Niezgoda
Agency: National Science Foundation
Project: Digital access to The Field Museum's Neotropical plant types collection
Period: Jan 05–Apr 06
Amount: \$320,715

Co-PI: Jun Wen
Agency: National Science Foundation
Project: Phylogenetic systematics of *Nolana* (Solanaceae) and biogeographic implications for the Atacama and Peruvian deserts
Period: Oct 04–Aug 07
Amount: \$300,000

Co-PI: none
Agency: The Mellon Foundation
Project: Latin American plants
Period: Jan 07–Dec 07
Amount: \$169,000

Eve Emshwiller

Co-PI: none
Agency: National Science Foundation
Project: Evolution of clonally-propagated crops under human influence, the example of the Andean tuber crop *Oxalis tuberosa*
Period: Aug 04–Jul 06
Amount: \$174,568

Co-PI: none
Agency: National Science Foundation
Project: REU supplement request for Evolution of clonally-propagated crops under human influence, the example of the Andean tuber crop *Oxalis tuberosa*
Period: Jun 05–Jul 06
Amount: \$6,000

John Engel

Co-PI: Matt von Konrat
Agency: National Science Foundation
Project: Collaborative Research: AToL: Assembling the liverwort tree of life: A window into the evolution and diversification of early plants
Period: Jan 06–Dec 10
Amount: \$101,348

Sabine M. Huhndorf

Co-PI: none
Agency: National Science Foundation
Project: Studies in the Lasiosphaeriaceae II: Monograph of *Podospora* and Phylogeny of Lasiosphaeria/Sordariaceae Group
Period: Sep 01–Aug 06
Amount: \$744,579

Patrick R. Leacock

Co-PI: none
Agency: Chicago Wilderness
Project: Online identification guides: The next step for Vplants.org
Period: Aug 05–Sep 06
Amount: \$10,000

Robert Lücking

Co-PI: none

Agency: National Science Foundation

Project: Ticolichen - The Costa Rican Lichen Biodiversity Inventory

Period: Jul 02–May 06

Amount: \$217,482

Co-PI: none

Agency: National Science Foundation

Project: Supplement to Ticolichen: International lichen workshop

Period: Oct 04–May 06

Amount: \$14,985

Co-PI: Thorsten Lumbsch

Agency: National Science Foundation

Project: Phylogeny and taxonomy of ostropalean Fungi, with emphasis on the Lichen-forming Thelotremaaceae

Period: Sep 05–Aug 08

Amount: \$281,325

H. Thorsten Lumbsch

Co-PI: Robert Lücking

Agency: National Science Foundation

Project: Phylogeny and taxonomy of ostropalean Fungi, with emphasis on the Lichen-forming Thelotremaaceae

Period: Sep 05–Aug 08

Amount: \$281,325

Gregory M. Mueller

Co-PI: none

Agency: National Science Foundation

Project: RevSys: Monographing a model clade of ectomycorrhizal Fungi, Laccaria-Hydangium

Period: Jan 05–Jan 08

Amount: \$380,055

Co-PIs: H. Bassirad, John Lussenhop, R. Miller

Agency: National Science Foundation

Project: Subcontract to: Mycorrhizal regulation of ecosystem response to chronic nitrogen deposition

Period: Sep 02–Aug 07

Amount: \$229,818

Co-PI: Christopher Dunn

Agency: Institute of Museum and Library Services

Project: vPlants Plus: Enhancing the Chicago region virtual herbarium

Period: Dec 03–Nov 05

Amount: \$473,072

Co-PI: Richard Ree, Jun Wen

Agency: John D and Catherine T. MacArthur Foundation

Project: Building Capacity for Biodiversity Research, Conservation, and Education in Eastern Himalaya

Period: Oct 02–Feb 09

Amount: \$480,000

Christine Niezgoda

Co-PIs: Bill Alverson, Michael Dillon, Joanna McCaffrey

Agency: National Science Foundation

Project: Digital access to The Field Museum's Neotropical plant types collection

Period: Jan 05–Apr 06

Amount: \$320,715

Richard Ree

Co-PI: none

Agency: National Science Foundation

Project: REVSYS: Classification, phylogeny, and biogeography of *Corydalis* (Fumariaceae)

Period: Sep 06–Aug 09

Amount: \$249,912

Co-PI: Greg Mueller, Jun Wen

Agency: John D and Catherine T. MacArthur Foundation

Project: Building Capacity for Biodiversity Research, Conservation, and Education in Eastern Himalaya

Period: Oct 02–Feb 09

Amount: \$480,000

Matt von Konrat

Co-PI: John Engel

Agency: National Science Foundation

Project: Collaborative Research: ATOL: Assembling the liverwort tree of life: A window into the evolution and diversification of early plants

Period: Jan 06–Dec 10

Amount: \$101,348

DEPARTMENT OF GEOLOGY**Lance Grande**

Co-PI: Terry Grande

Agency: National Science Foundation

Project: Subcontract to: Comparative Anatomy, Phylogeny and Biogeography of Fossil and Living Gonorynchid Fishes (Teleostei: Ostariophysi)

Period: Jan 02–Dec 06

Amount: \$50,341

Co-PI: Eric Hilton

Agency: National Science Foundation

Project: Comparative osteology and phylogenetic systematics of fossil and living sturgeons (Actinopterygii, Acipenseriformes), part 2

Period: Sep 04–Aug 07

Amount: \$185,076

Eric Hilton

Co-PI: Lance Grande

Agency: National Science Foundation

Project: Comparative osteology and phylogenetic systematics of fossil and living sturgeons (Actinopterygii, Acipenseriformes), part 2

Period: Sep 04–Aug 07

Amount: \$185,076

Scott Lidgard

Co-PI: none

Agency: Global Biodiversity Information Facility

Project: A global species database for Phylum Bryozoa

Period: Sep 04–Aug 06

Amount: \$45,300

Peter J. Makovicky

Co-PI: none

Agency: National Science Foundation

Project: Collaborative research: The role of development and life history traits in the evolution of ceratopsian dinosaurs

Period: Sep 04–Aug 07

Amount: \$99,292

Co-PI: none

Agency: National Science Foundation

Project: Collaborative Research: Archosaur Phylogeny—a Total Evidence Approach at Fine Taxonomic Level

Period: Sep 02–Aug 07

Amount: \$93,525

Jennifer C. McElwain

Co-PI: none

Agency: National Science Foundation

Project: Development of a Novel CO₂ Partial Pressure-Based Paleo-Altimeter

Period: Jun 02–Aug 06

Amount: \$105,031

Olivier C. Rieppel

Co-PI: Maureen Kearney

Agency: National Science Foundation

Project: An Integrative Approach to the Problem of Snake Origins

Period: Jun 03–May 06

Amount: \$179,854

Co-PI: Maureen Kearney

Agency: National Science Foundation

Project: ATOL: Collaborative research: The deep scaly project: Resolving squamate phylogeny using genomic and morphological approaches

Period: Jan 04–Dec 08

Amount: \$553,414

Meenakshi Wadhwa

Co-PI: none

Agency: National Aeronautics and Space Administration; Cosmochemistry program

Project: Geochemical and isotopic investigations of meteorites

Period: May 05–Aug 08

Amount: \$426,000

Co-PI: none

Agency: National Aeronautics and Space Administration; Genesis mission project

Project: Analysis of the Mg isotopic composition of the solar wind sample returned by NASA's Genesis Spacecraft

Period: Aug 05–Sep 08

Amount: \$342,000

Co-PI: none
Agency: National Aeronautics and Space Administration; Origins program
Project: Early solar system processes and time scales from isotopic investigation of meteorites
Period: Apr 06–Mar 09
Amount: \$195,000

Peter J. Wagner

Co-PI: none
Agency: National Science Foundation
Project: Testing the Generality of Macroevo-lutionary Patterns with Bellerophon-t Molluscs
Period: Sep 02–Aug 07
Amount: \$68,319

DEPARTMENT OF ZOOLOGY

John M. Bates

Co-PI: Ana Carnaval
Agency: National Science Foundation
Project: A new generation of research on amphibian declines
Period: Mar 05–Mar 06
Amount: \$18,032

Co-PIs: Kevin Feldheim, Paul Goldstein, Shannon Hackett, Jun Wen
Agency: National Science Foundation
Project: An Applied Biosystems 3730 DNA Analyzer for a core molecular lab at a natural history museum
Period: May 04–Apr 06
Amount: \$188,142

Co-PI: Jason Weckstein
Agency: National Science Foundation
Project: Bridging micro and macroevolutionary history: Population genetics of coevolutionary history
Period: Aug 05–Jul 08
Amount: \$344,305

Co-PI: Jason Weckstein
Agency: National Science Foundation
Project: REU supplement request for Bridging micro and macroevolutionary history: Population genetics of coevolutionary history
Period: Aug 05–Jul 08
Amount: \$6,250

Rüdiger Bieler

Co-PI: Paula Mikkelson
Agency: National Science Foundation
Project: Bivalves: Research, Training, Electronic Dissemination of Data
Period: Sep 99–Aug 06
Amount: \$749,634

Co-PI: Paula Mikkelson
Agency: National Science Foundation
Project: Supplement for Bivalves: Research, Training, Electronic Dissemination of Data
Period: Jan 05–Aug 06
Amount: \$29,246

Ana Carnaval

Co-PI: John Bates
Agency: National Science Foundation
Project: A new generation of research on amphibian declines
Period: Mar 05–Mar 06
Amount: \$18,032

Norbert J. Cordeiro

Co-PI: Jasson John
Agency: Critical Ecosystem Partnership Fund/ CI Foundation
Project: Population estimates of threatened birds in the East Usumbara Mountains, Tanzania
Period: Dec 05–May 08
Amount: \$19,960

Carl W. Dick

Co-PIs: Joanna McCaffrey, Al Newton, Bruce Patterson
Agency: National Science Foundation
Project: Bat flies like an E-Mu: Digitization, conversion, and accessibility of The Field Museum's bat fly collection
Period: Feb 06–Jan 09
Amount: \$406,912

Steven M. Goodman

Co-PI: Anne Yoder
Agency: National Science Foundation
Project: Collaborative research: Testing the role of historical geology and rivers in for shaping the distribution of land vertebrate biodiversity in western Madagascar
Period: Sep 05–Aug 08
Amount: \$159,997

Co-PI: none
Agency: The Beneficia Foundation
Project: Conservation research and training in Madagascar
Period: Jun 06–May 07
Amount: \$20,000

Shannon J. Hackett

Co-PI: none
Agency: National Science Foundation
Project: Collaborative Research: Early Bird: A Collaborative Project to Resolve the Deep Nodes of Avian Phylogeny
Period: Oct 02–Sep 07
Amount: \$903,695

Co-PIs: John Bates, Kevin Feldheim, Paul Goldstein, Jun Wen
Agency: National Science Foundation
Project: An Applied Biosystems 3730 DNA Analyzer for a core molecular lab at a natural history museum
Period: May 04–Apr 06
Amount: \$188,142

Larry R. Heaney

Co-PIs: Peter Lowther, Bruce Patterson, Bill Stanley, Barbara Stein

Agency: National Science Foundation

Project: Subcontract to: Development of an Integrated Network for Distributed Databases of Mammal Specimen Data

Period: Jul 01–Mar 06

Amount: \$87,702

Robert F. Inger

Co-PI: Harold Voris

Agency: The John D. and Catherine T. MacArthur Foundation

Project: Herpetological biodiversity and biogeography in the lower Mekong river basin

Period: May 06–Apr 09

Amount: \$305,000

Maureen Kearney

Co-PI: Olivier Rieppel

Agency: National Science Foundation

Project: An Integrative Approach to the Problem of Snake Origins

Period: Jun 03–May 06

Amount: \$179,854

Co-PI: Olivier Rieppel

Agency: National Science Foundation

Project: ATOL: Collaborative research: The deep scaly project: Resolving squamate phylogeny using genomic and morphological approaches

Period: Jan 04–Dec 08

Amount: \$553,414

Alfred F. Newton

Co-PIs: Carl Dick, Joanna McCaffrey, Bruce Patterson

Agency: National Science Foundation

Project: Bat flies like an E-Mu: Digitization, conversion, and accessibility of The Field Museum's bat fly collection

Period: Feb 06–Jan 09

Amount: \$406,912

Co-PI: Margaret Thayer

Agency: National Science Foundation

Project: PEET: Monography, Phylogeny, and Historical Biogeography of Austral Staphylinidae (Coleoptera)

Period: Sep 01–Aug 07

Amount: \$719,831

Bruce D. Patterson

Co-PIs: Samuel Kasiki, Alex Mwazo

Agency: Earthwatch

Project: Behavior and ecology of lions and biodiversity in Tsavo's arid woodlands

Period: Jan 07–Dec 07

Amount: \$158,060

Co-PIs: Samuel Kasiki, Alex Mwazo

Agency: Earthwatch

Project: Behavior and ecology of lions and biodiversity in Tsavo's arid woodlands

Period: Jan 06–Dec 06

Amount: \$176,580

Co-PIs: Carl Dick, Joanna McCaffrey, Al Newton
Agency: National Science Foundation
Project: Bat flies like an E-Mu: Digitization, conversion, and accessibility of The Field Museum's bat fly collection
Period: Feb 06–Jan 09
Amount: \$406,912

Co-PIs: Larry Heaney, Peter Lowther, Bill Stanley, Barbara Stein
Agency: National Science Foundation
Project: Subcontract to: Development of an Integrated Network for Distributed Databases of Mammal Specimen Data
Period: Jul 01–Mar 06
Amount: \$87,702

Mary Anne Rogers

Co-PIs: Bill Barnett, Deborah Bekken, Joanna McCaffrey, Diane Mocerf, Mark Westneat
Agency: Institute of Museum and Library Services
Project: Common Ground fishes database: Sustaining cultural heritage through collections management, research, and knowledge distribution
Period: Oct 04–Sep 06
Amount: \$149,959

Petra Sierwald

Co-PI: Ward Wheeler
Agency: National Science Foundation
Project: Subaward to: Assembling the Tree of Life: Phylogeny of Spiders
Period: Oct 06–Sep 07
Amount: \$53,891

Co-PI: Jason Bond
Agency: National Science Foundation
Project: The Diplopoda: Systematics research, training and tools
Period: Jan 06–Dec 10
Amount: \$748,955

Co-PI: Norman Platnick
Agency: National Science Foundation
Project: PBI - Collaborative Research: The megadiverse, microdistributed spider family Oonopidae
Period: Sep 06–Aug 11
Amount: \$62,166

William T. Stanley

Co-PI: none
Agency: Critical Ecosystem Partnership Fund/ CI Foundation
Project: Small mammal studies in three important Eastern Arc mountains for the creation of innovative educational, scientific, and conservation tools
Period: Jun 05–Dec 07
Amount: \$150,000

Co-PI: none
Agency: Critical Ecosystem Partnership Fund/ CI Foundation
Project: Survey of microchiropteran bats of Mafia, Pemba, and Zanzibar islands and subsequent creation of innovative educational, scientific, and conservation tools
Period: Jun 05–Dec 07
Amount: \$15,000

Co-PIs: Larry Heaney, Peter Lowther, Bruce Patterson, Barbara Stein
Agency: National Science Foundation
Project: Subcontract to: Development of an Integrated Network for Distributed Databases of Mammal Specimen Data
Period: Jul 01–Mar 06
Amount: \$87,702

Margaret Thayer

Co-PI: none
Agency: National Science Foundation
Project: Staphyliniformia section of Assembling the Beetle Tree of Life (BtoL)
Period: Oct 05–Sep 09
Amount: \$125,951

Co-PI: Al Newton
Agency: National Science Foundation
Project: PEET: Monography, Phylogeny, and Historical Biogeography of Austral Staphylinidae (Coleoptera)
Period: Sep 01–Aug 07
Amount: \$719,831

Janet Voight

Co-PI: none
Agency: National Science Foundation
Project: Survey of Invertebrates at Sea Floor Deployments of Wood in the North Pacific Ocean
Period: Feb 02–May 06
Amount: \$77,001 (grant includes ship and vehicle time funded by UNOLS—dollar value equal to \$180,000)

Co-PI: none
Agency: National Science Foundation
Project: Faunal Survey of Deep-Sea Hydrothermal Vents and Cold Seeps off Northern California and Oregon
Period: Mar 01–Jul 06
Amount: \$129,793 (grant includes ship and vehicle time funded by UNOLS—dollar value equal to \$480,000)

Harold K. Voris

Co-PI: Robert Inger
Agency: The John D. and Catherine T. MacArthur Foundation
Project: Herpetological biodiversity and biogeography in the lower Mekong river basin
Period: May 06–Apr 09
Amount: \$305,000

Jason D. Weckstein

Co-PI: John Bates
Agency: National Science Foundation
Project: Bridging micro and macroevolutionary history: Population genetics of coevolutionary history
Period: Aug 05–Jul 08
Amount: \$344,305

Co-PI: John Bates
Agency: National Science Foundation
Project: REU supplement request for Bridging micro and macroevolutionary history: Population genetics of coevolutionary history
Period: Aug 05–Jul 08
Amount: \$6,250

Mark W. Westneat

Co-PI: none
Agency: National Science Foundation
Project: Phylogenetics and Evolutionary Biomechanics of Coral Reef Fishes
Period: Jan 03–Jul 07
Amount: \$315,163

Co-PIs: Bill Barnett, Deborah Bekken, Joanna McCaffrey, Diane Mocerf, Mary Anne Rogers
Agency: Institute of Museum and Library Services
Project: Common Ground fishes database: Sustaining cultural heritage through collections management, research, and knowledge distribution
Period: Oct 04–Sep 06
Amount: \$149,959

Philip Willink

Co-PI: none
Agency: Will County Forest Preserve District
Project: Updated checklist of Will County fishes and GIS database
Period: Jun 05–Feb 06
Amount: \$7,000

Co-PI: none
Agency: National Fish and Wildlife Foundation
Project: Field guide to the fishes and crayfishes of Midewin National Tallgrass Prairie
Period: Jul 06–Dec 07
Amount: \$10,000

OFFICE OF COLLECTIONS AND RESEARCH

Deborah Bekken

Co-PI: Pamela Clayburn
Agency: Illinois Arts Council
Project: General operating support—Partners in Excellence program
Period: Sep 05–Aug 06
Amount: \$76,650

Co-PI: Pamela Clayburn
Agency: Illinois Department of Natural Resources
Project: Development and renovation of the "Halls of Life Over Time" and Northeast Lightwell, phase I—Change of project scope to "Ancient Americas"
Period: Jul 04–Jun 06
Amount: \$579,000

Co-PI: Pamela Clayburn
Agency: Housing and Urban Development
Project: Collections Resource Center (HUD-II)
Period: Jul 05–Jun 07
Amount: \$347,200

Co-PI: none
Agency: Illinois Arts Council
Project: General operating support 2007
Period: Sep 06–Aug 07
Amount: \$76,650

Co-Pis: Gary Feinman, Karen Wilson
Agency: Department of Defense
Project: Iraq Cultural Heritage—The Kish Collection
Period: Aug 06–Jul 09
Amount: \$976,000

Co-Pis: Steve Nash, Will Pestle
Agency: National Endowment for the Humanities
Project: Reconciling the Past: A catalogue of scattered collections
Period: Sept 04–Aug 06
Amount: \$99,984

Co-PI: Will Pestle
Agency: International Partnerships Among Museums (AAM)
Project: IPAM/Iraq project for collections management and conservation
Period: Jun 05–Dec 07
Amount: \$0 (grant program provides interns at the Museum, not direct funding)

Co-PI: Carolyn Jacobs
Agency: Illinois Arts Council; Special Assistance Grants
Project: Americas Media Preview performance support
Period: Mar 07–Jul 07
Amount: \$750

Co-PIs: Bill Barnett, Joanna McCaffrey, Diane Mocerf, Mary Anne Rogers, Mark Westneat
Agency: Institute of Museum and Library Services
Project: Common Ground fishes database: Sustaining cultural heritage through collections management, research, and knowledge distribution
Period: Oct 04–Sep 06
Amount: \$149,959

Co-PIs: Bill Barnett, Joanna McCaffrey
Agency: Institute of Museum and Library Services
Project: Common Ground
Period: Jul 05–Jun 08
Amount: \$796,000

Joanna McCaffrey

Co-PIs: Carl Dick, Al Newton, Bruce Patterson
Agency: National Science Foundation
Project: Bat flies like an E-Mu: Digitization, conversion, and accessibility of The Field Museum's bat fly collection
Period: Feb 06–Jan 09
Amount: \$406,912

Co-PIs: Bill Alverson, Michael Dillon, Christine Niezgoda
Agency: National Science Foundation
Project: Digital access to The Field Museum's Neotropical plant types collection
Period: Jan 05–Apr 06
Amount: \$320,715

Co-PI: Ben Williams
Agency: National Historical Publications and Records Commission
Project: The Field Museum duplication and preservation of historic glass negatives
Period: Jun 04–May 06
Amount: \$43,949

Co-PIs: Bill Barnett, Deborah Bekken, Diane Mocerf, Mary Anne Rogers, Mark Westneat
Agency: Institute of Museum and Library Services
Project: Common Ground fishes database: Sustaining cultural heritage through collections management, research, and knowledge distribution
Period: Oct 04–Sep 06
Amount: \$149,959

Co-PIs: Bill Barnett, Deborah Bekken
Agency: Institute of Museum and Library Services
Project: Common Ground
Period: Jul 05–Jun 08
Amount: \$796,000

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

Co-PI: Samuel Gruber
Agency: National Science Foundation
Project: Collaborative Research: A comparison of the mating system and evolutionary potential of lemon sharks, *Negaprion brevirostris* (Poey), at two nursery sites in the western Atlantic
Period: Feb 07–Jan 11
Amount: \$206,282

Co-PIs: John Bates, Paul Goldstein, Shannon Hackett, Jun Wen
Agency: National Science Foundation
Project: An Applied Biosystems 3730 DNA Analyzer for a core molecular lab at a natural history museum
Period: May 04–Apr 06
Amount: \$188,142

COLLABORATIVE PARTNERSHIPS—Fiscal Agent other than Field Museum

Gregory M. Mueller

Co-PI: n/a
Agency: Department of Education
Project: GAANN training in evolutionary environmental biology
Period: Sep 06–Aug 09
Amount: \$633,360

Bruce D. Patterson

Co-PI: Paul Velazco
Agency: National Science Foundation
Project: International: Historical diversification in the Neotropics: Evolution and variation of the bat genus *Platyrrhinus* (Chiroptera: Phyllostomidae)
Period: Jun 07–May 08
Amount: \$15,000

CONFERENCES, SYMPOSIA, WORKSHOPS AND INVITED LECTURES, 2006

DEPARTMENT OF ANTHROPOLOGY

J.P. Brown

Invited lecturer, Conservation of Asian Metals, NIU, De Kalb; Invited lecturer, Art Institute of Chicago/Northwestern University Andrew W Mellon Seminar Series on Conservation Science, Chicago; Invited lecturer, Conservation of Archaeological Copper Alloy, Chicago; Radiological Society of North America, Chicago; X-Ray Fluorescence Workshops, Chicago.

Tatsumi Brown

"The Wild Cursive Tradition of Calligraphy in China," University of Chicago; "The Xiangtangshan Cave Temples Project: Reconstruction and Recontextualization," University of Chicago; Art Institute of Chicago/Northwestern University Andrew W Mellon Seminar Series on Conservation Science, Chicago; "Bookbinding I Intensive" Workshop, Columbia College, Chicago.

Winifred Creamer

Society for American Archaeology, San Juan, Puerto Rico; 24th Northeast Conference on Andean Archaeology and Ethnohistory, University of Pennsylvania, Philadelphia, PA; V Taller, Proyecto Arqueológico Norte Chico, Museos y Comunidad, Pativilca, Peru.

L. Antonio Curet

71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico; Exploración de las Relaciones Históricas Entre los Pueblos Indígenas de la Baja América Central y del Norte de Suramérica, San José, Costa Rica; Congreso de Antropología y Arqueología Fernando Luna Calderón, Santo Domingo, Dominican Republic.

Laure Dussubieux

Invited lecturer, Archaeology Brown Bag Series, Department of Anthropology, University of Wisconsin, Madison; Invited lecturer, Seminar Series on Conservation Science, Ceramics and Glasses: New Methods for Old Problems, Art Institute/Northwestern University, Evanston, IL; 231st ACS National Meeting, Atlanta, GA; 11th International Conference of the European Association of Southeast Asian Archaeologists, Bougon, France.

Gary M. Feinman

American Association for the Advancement of Science, St. Louis, MO; Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico; Conceptualizing the Comparative Study of Complex Societies, Tempe, AZ.

Tina Gessler

34th Annual American Institute for Conservation Meeting, Providence, RI; Art Institute of Chicago/Northwestern University Andrew W. Mellon Seminar Series on Conservation Science, Chicago.

Jonathan Haas

Society for American Archaeology, San Juan, Puerto Rico; 24th Northeast Conference on Andean Archaeology and Ethnohistory, University of Pennsylvania, Philadelphia, PA; 34th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Vanderbilt University, Nashville, TN.

Sophie Hammond-Hagman

Art Institute of Chicago/Northwestern University Andrew W. Mellon Seminar Series on Conservation Science, Chicago; Chicago Area Conservation Guild Meetings, Chicago; Handheld XRF Workshop, The Field Museum.

Hildegard Heine

Handheld XRF Workshop, The Field Museum; Seminar Series on Conservation Science, Ceramics and Glasses: New Methods for Old Problems, Art Institute/Northwestern University, Evanston, IL; "Packing & Shipping of Art Work" Workshop, Campbell Center of Historic Preservation Studies, Mount Carroll, IL; Art Institute of Chicago/Northwestern University Andrew W. Mellon Seminar Series on Conservation Science, Chicago; "Authentication Studies Performed on the Manuscript of the Gospel of Judas" Forum, McCrone Associates, Westmont, IL.

Marianne Klaus

Handheld XRF Workshop, The Field Museum; Western Association for Art Conservation, Tucson, AZ; Art Institute of Chicago/Northwestern University Andrew W. Mellon Seminar Series on Conservation Science, Chicago.

Debbie Linn

"Beyond the Numbers: Specifying and Achieving an Efficient Preservation Environment," National Archives, Washington, DC; Handheld XRF Workshop, The Field Museum.

Robert D. Martin

Invited lecturer, Department of Integrative Biology and Museum of Vertebrate Zoology, University of California, Berkeley; Invited lecturer, 98th Annual Meeting of the Illinois State Academy of Science, The Field Museum; Invited lecturer, Department of Ecology and Evolutionary Biology, Princeton University, NJ; Invited lecturer, Stuttgart Natural History Museum, Germany; Invited lecturer, Annual Holiday Meeting of the Chicago Archaeological Society, Evanston, IL; North American Users Group Conference (Common Ground), Ottawa, Canada; Invited lecturer, Annual Meeting of the Anthropology Alliance, The Field Museum; Invited lecturer, Founders Frontier program for The Founders' Council, The Field Museum; Barcode of Life workshop, San Diego Zoological Society, San Diego, CA; Chicago Area Undergraduate Research Symposium, Chicago.

Maxine McBrinn

Society for American Archaeology, San Juan, Puerto Rico; American Anthropological Association Annual Meeting, San Jose, CA; Invited lecturer, South Suburban Archaeological Society, Homewood, IL.

Laura Neufeld

Art Institute of Chicago/Northwestern University Andrew W. Mellon Seminar Series on Conservation Science, Chicago.

Linda M. Nicholas

American Association for the Advancement of Science, St. Louis, MO; Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.

Cheryl Podsiki

Coordinator, Handheld XRF Workshop, The Field Museum; XRF User Study Group, The Getty Institute, Los Angeles, CA; 34th Annual American Institute for Conservation Meeting, Providence, RI; Art Institute of Chicago/Northwestern University Andrew W. Mellon Seminar Series on Conservation Science, Chicago; Workshop on XRF, Bruker AXS, Chicago; Annual Meeting of the Western Association for Art Conservation, Tucson, AZ; NAGPRA User Group, Tucson, AZ; NAGPRA conference on museum contaminants, Sault St. Marie, MI.

Helen Robbins

National NAGPRA Teleconference, Washington, DC; National NAGPRA Meeting, Juneau, AK; National NAGPRA Meeting, Denver, CO.

John Edward Terrell

71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico; Pacific History Association Biennial Conference, Dunedin, New Zealand.

Anne P. Underhill

Invited panelist, "Who Owns the Past?," The Field Museum; Invited lecturer, Academia Sinica, Taipei, Taiwan; Invited panelist, Antiquities from East Asia and the Profession, Association for Asian Studies, San Francisco, CA.

Alaka Wali

American Anthropological Association Annual Meetings, San Jose, CA; American Association of Museums Annual Meetings, Boston, MA; Society for Applied Anthropology Annual Meetings, Vancouver, BC; 2006 Conference of Ford Fellows, Washington DC; Wesleyan University Third Annual Robert Schumann Environmental Studies Symposium, Middletown, CT; The Music Center, Los Angeles, CA.

Patrick Ryan Williams

Session Chair, 45th Annual meeting of the Institute for Andean Studies, Berkeley, CA; 34th Annual Midwest Conference on Andean and Amazonian Archaeology and Ethnohistory, Vanderbilt University, Nashville, TN; Invited lecturer, Field Museum Seminar Series, The Field Museum; Session organizer and presenter, 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico; Tiwanaku Symposium, Cotsen Institute of Archaeology at UCLA, Los Angeles, CA; 24th Northeast Conference on Andean Archaeology and Ethnohistory, University of Pennsylvania, Philadelphia, PA; Invited lecturer, Eastern Analytical Symposium, Somerset, NJ; Session organizer and presenter, American Anthropological Association Annual Meeting, San Jose, CA; 2nd International Conference on Remote Sensing Archaeology, Rome, Italy.

Karen L. Wilson

Annual Meeting of the American Oriental Society, Seattle, WA; Kevorkian Lecture, University of Pennsylvania, Philadelphia, PA; "The Art and Archaeology of Ancient Adab," Institute of Fine Arts, New York University, New York.

Désirée Wisse

Annual Conference of the New Zealand Professional Conservators Group, Gisborne, New Zealand.

DEPARTMENT OF BOTANY**Norbert J. Cordeiro**

Speaker, 5th Annual Scientific Conference, Tanzania Wildlife Research Institute, Arusha, Tanzania.

Michael O. Dillon

Invited lecturer, International Compositae Alliance meetings, Barcelona, Spain; Invited lecturer, Weberbauer Seminario Internacional de Biodiversidad, Universidad Mayor de San Marcos, Lima, Peru; Invited lecturer, Universidad Catolica, Santiago, Chile; Invited lecturer, Northwestern University, Evanston, IL; Invited lecturer, Smithsonian Institution, Washington, D.C.; Invited lecturer, International Solanaceae Conference, Madison, WI; Invited lecturer, 9th Latin American Botanical Congress, Santo Domingo, Dominican Republic.

Kentaro Hosaka

Mycological Society of Japan, Chiba, Japan; International Mycological Congress, Cairns, Australia; New Zealand Fungal Symposium, Auckland, New Zealand; The Field Museum Research Seminar Series; University of Chicago Natural History Seminar Series; Deep Hypha meeting, Baton Rouge, LA.

Sabine M. Huhndorf

International Mycological Congress, Cairns Australia.

Maria Lucia Kawasaki

53rd Annual Systematics Symposium, Missouri Botanical Garden, St. Louis, MO.

Patrick R. Leacock

Annual Smith Foray, Lake Shelbyville, IL.

Robert Lücking

Multivariate Analysis of Ecological Communities Field Workshop, Lima, Peru; 2nd Annual EMu Users Conference, Ottawa; Invited lecturer, The Field Museum; Invited lecturer, University of Nebraska at Omaha, NE.

H. Thorsten Lumbsch

International Mycological Meeting, Cairns, Australia; International Symbiosis Congress, Vienna, Austria; Universidad Complutense de Madrid, Spain.

Gregory M. Mueller

Mycological Society of America/American Phytopathological Society/Canadian Phytopathological Society Meeting, Quebec City, Canada; 8th International Mycological Congress, Cairns, Australia; Deep Hypha Meeting, Baton Rouge, LA; New Zealand Fungal Colloquium, Westport, New Zealand; Missouri Botanical Garden Fall Symposium, St. Louis, MO; GAANN Project Directors Workshop, Washington, DC; Soils in Restoration Ecology Conference, DePaul University, Chicago, IL.

Christine Niezgoda

Society for the Preservation of Natural History Collections, Albuquerque, NM.

Richard Ree

National Museum of Natural History, Washington, D.C.; DePaul University Bioinformatics Colloquium, Chicago, IL; "Tech Talk" series, Google Inc., Mountain View, CA; Society for the Study of Evolution Annual Meeting, Stony Brook, NY; NESCent working group "Historical Biogeography of the Northern Hemisphere," Durham, NC; NESCent working group "The Paradox of Mixed Mating in Plants," Durham, NC.

Betty Strack

Mycological Society of America/American Phytopathological Society/Canadian Phytopathological Society Meeting, Quebec City, Canada; 8th International Mycological Congress, Cairns, Australia; New Zealand Fungal Colloquium, Westport, New Zealand.

Gayle Tonkovich

Co-host, digital identification tools for plants and fungi half-day workshop for Chicago Wilderness stewards, Chicago, IL.

DEPARTMENT OF GEOLOGY**John R. Bolt**

Society of Vertebrate Paleontology annual meeting, Ottawa, Canada.

Marlene Hill Donnelly

Coordinator, illustrator's demonstration and Paleotalks, Guild of Natural Science Illustrators Annual Conference, Madison, WI; Presenter, Paleobotany Conference, Gainesville, FL.

Ian Glasspool

Palaeontological Society Meeting, Sheffield, UK.

Lance Grande

Society of Vertebrate Paleontology, Ottawa, Canada; Invited lecturer, University of North Dakota.

Lori Grove

Invited lecturer, School of the Art Institute, Scientific Illustration Class at the Field Museum.

Eric Hilton

Presenter, American Society of Ichthyologists and Herpetologists annual meeting, New Orleans, LA; Poster Presenter, Society of Vertebrate Paleontology annual meeting, Ottawa, Canada; Invited lecturer, Central Michigan University; Invited lecturer, American Elasmobranch Society Student Workshop *Better Scientific Illustrations and Visual Aids*; Invited lecturer, The Natural History Museum, London, UK; Invited lecturer, St. Louis University, St. Louis, MO; Invited lecturer, The Field Museum.

James Holstein

Co-author, Power Point presentation, 66th Annual meeting of the Society of Vertebrate Paleontology, Ottawa, Canada.

Lenny Kouwenberg

Botany 2006 – BSA Annual Meeting, Chico, CA.

Scott Lidgard

Department of Earth Sciences, University of Southern California; Department of Earth and Environmental Sciences, University of Illinois at Chicago; Geological Society of America Annual Meeting, Philadelphia, PA; NSF Workshop, National Evolutionary Synthesis Center, Durham, NC

Peter J. Makovicky

66th Annual meeting of the Society of Vertebrate Paleontology, Ottawa, Canada; 2nd International Paleontological Congress, Beijing, China. Invited lecturer, Northwestern University, Geology Dept.; Invited lecturer, Copenhagen Univ., Institute of Geology.

Jenny McElwain

Advances in Paleobotany, Florida Museum of Natural History, Gainesville, FL; Invited keynote lecturer, 7th European Paleobotanical and Palynological Congress, Prague; Invited lecturer, Biology of Transpiration, Snowbird, Utah; Geological Society of America, Philadelphia, PA; Palaeontological Society Annual Meeting, Sheffield, UK.

Olivier Rieppel

Second International Paleontological Congress, Beijing, China; Systemática, Darwinismo y la Filosofía de la Ciencia, Mexico City; Annual Meeting of the Society of Vertebrate Paleontology, Ottawa; Dept. of Biology, University of Wisconsin-Parkside, Kenosha, WI.

Akiko Shinya

Art Institute of Chicago/Northwestern University: Symposium on Conservation Science, 66th Annual meeting of the Society of Vertebrate Paleontology, Ottawa, Canada; SVP Professional Development Workshop 2006, “Adhesives for Paleontology Collections Workshop,” Ottawa, Canada.

Neil H. Shubin

Department of Biology, Appalachian State University; Intelligent Design Panel, Cooper Union University.

William F. Simpson

66th Annual meeting of the Society of Vertebrate Paleontology, Ottawa, Canada; “Adhesives for Paleontology Collections Workshop,” Canadian Conservation Institute, Ottawa, Canada.

Constance VanBeek

Co-author, Power Point presentation, 66th Annual meeting of the Society of Vertebrate Paleontology, Ottawa, Canada.

Deborah Wagner

66th Annual meeting of the Society of Vertebrate Paleontology, Ottawa, Canada; “Adhesives for Paleontology Collections Workshop,” SVP 2006, Ottawa, Canada.

Peter J. Wagner

Science Advisory Board Winter meeting, National Evolutionary Sciences Center, Durham, NC; “Taxonomy Databases for Paleontology” workshop, National Evolutionary Sciences Center, Durham, NC; Science Advisory Board Summer meeting, National Evolutionary Sciences Center, Durham, NC; “Fossil and Molecular Estimates of Divergence Times for the Tree of Life: Database and Synthesis” workshop, National Evolutionary Sciences Center, Durham, NC; Presenter, Geological Society of America Annual Meetings, Philadelphia, PA.

DEPARTMENT OF ZOOLOGY**John M. Bates**

Co-organizer, “Advances in molecular systematics and phylogeography of Neotropical birds” Symposium, International Ornithological Congress, Hamburg, Germany; Poster co-author, The Center for Biodiversity and Conservation Spring Symposium, American Museum of Natural History, New York, NY; Poster co-author, American Ornithologists’ Union Meetings, Vera Cruz, Mexico; Presented paper co-author, Entomological Society of America Meetings, Indianapolis, IN.

Rüdiger Bieler

Invited lecturer and co-organizer, International Bivalve Congress, Bellaterra, Spain; Invited lecturer, “Biology of Invertebrates Symposium,” Fort Pierce, FL; American Malacological Society Annual Meeting, Seattle, WA.

James H. Boone

Society for the Preservation of Natural History Collections—Natural Science Collections Alliance Joint Meeting, Albuquerque, NM; Poster presenter, 2006 International Meeting of Carabidologists, Carnegie Museum of Natural History, Pittsburgh, PA.

Carl W. Dick

Special symposium co-chair, Entomological Society of America annual meeting, Indianapolis, IN; Field Museum Seminar Series, The Field Museum.

Jochen Gerber

Illinois-Consortium for Land and Aquatic Mollusks, Champaign, IL.

Steven M. Goodman

Invited lecturer, Durban Museum of Natural History, South Africa; Invited lecturer, Republic of the Comoros, Direction Nationale de l’Environnement; Invited lecturer, Université de la Réunion; Invited lecturer (H. Hann Chair), University of Michigan Biological Station.

Shannon J. Hackett

Symposium participant, North American Ornithological Conference, Vera Cruz, Mexico; Symposium organizer, participant, and paper and poster presenter, International Ornithological Congress, Hamburg, Germany; Paper Co-author, Society for the Study of Evolution Annual Meeting, Stony Brook, NY; Conference Participant, NSF Assembling the Tree of Life workshop, Duke University, NC; Conference Organizer and Participant, “Early Bird,” Assembling the Avian Tree of Life, NESCent, NC.

Lawrence R. Heaney

Wildlife Conservation Society of the Philippines, Puerto Princesa; Co-organizer, Global Mammal Assessment Workshop, the Philippines; Conservation International—Philippines and Institute of Biology, University of the Philippines; University of Chicago.

Robert F. Inger

Conservation International, TEAM Anuran Workshop, Washington, DC.

Janeen Jones

North American KE Emu Users Group and SIG, Ottawa, ON; Society for the Preservation of Natural History Collections, Albuquerque, NM.

Maureen Kearney

Host, "Tree of Life" squamate working group meeting, The Field Museum; Illinois Institute of Technology, Chicago, IL; Wesleyan University; Northern Illinois University, Chicago, IL.

Alfred F. Newton

Invited co-speaker, "Notes from the Field: Biodiversity of Coleoptera" symposium, Entomological Society of America, Indianapolis, IN.

Bruce D. Patterson

Global Mammal Assessment-Andes, Villa del Leyva, Colombia; American Society of Mammalogists Annual Meeting, Amherst, MA; Global Mammal Assessment-Southern Cone, Porto Alegre, Brazil; First Year Seminars, Smith College, Northampton, MA; Entomological Society of America Annual Meeting, Indianapolis, IN.

Julian C. Kerbis Peterhans

Science and Mathematics Colloquium Series, Columbia College, Chicago, IL.

Mary Beth Prondzinski

American Society of Mammalogists Meeting, Amherst, MA.

Alan Resetar

Calumet Research Summit, Hammond, IN; Faunal Identification Workshop, Notre Dame, IN; Calumet Heritage Partnership 2006 Heritage Conference, Valparaiso, IN.

Clara Richardson

Presenter, Guild of Natural Science Illustrators, Madison, WI.

Mary Anne Rogers

American Society of Mammalogists, Amherst, MA; American Society of Ichthyologists and Herpetologists, New Orleans, LA.

Petra Sierwald

Poster presenter, Illinois Department of Natural Resources.

Alexey Solodovnikov

Invited lecturer, Zoological Museum of the University of Copenhagen, Copenhagen, Denmark; Speaker, Annual Meeting of the Entomological Society of America, Indianapolis, IN.

William T. Stanley

American Society of Mammalogists, Amherst, MA.

Bryan L. Stuart

Molecular systematics provides new insights into species diversity of Southeast Asian amphibians and reptiles, American Museum of Natural History, NY.

Daniel Summers

Society for the Preservation of Natural History Collections, Albuquerque, NM.

Margaret K. Thayer

“Assembling the Beetle Tree of Life” project workshop, Cambridge, MA; Invited speaker, symposium “Notes from the Field: Biodiversity of Coleoptera,” Entomological Society of America, Indianapolis, IN.

Janet R. Voight

Eleventh International Deep-Sea Biology Symposium, Southampton, UK; Joint American Malacological Society and Western Society of Malacologists meeting, Seattle, WA; Ecology, Department of Evolution and Organismal Biology, Iowa State University, Ames, IA.

Harold K. Voris

Presenter, International Conference on Rivers and Civilization: Multidisciplinary Perspectives on Major River Basins, La Crosse, WI.

Jason D. Weckstein

Co-author, North American Ornithological Congress, Veracruz, Mexico; Speaker, International Congress on Phthiraptera III, Buenos Aires, Argentina; Invited lecturer, University of Kansas Natural History Museum and Biodiversity Research Center, Lawrence, KS; Invited lecturer, Department of Ecology and Evolution Colloquium, University of Kansas, Lawrence, KS; Invited lecturer, Research Seminar Series, The Field Museum; Invited lecturer, New York State Museum, Albany, NY; Invited lecturer, Entomological Society of America Symposium, “Different Ways to Hitch a Ride: Phylogenetic Perspectives on Ectoparasitism,” Indianapolis, IN.

Mark W. Westneat

Society of Integrative and Comparative Biology, Orlando, FL; American Society of Ichthyologists and Herpetologists, New Orleans, LA; Invited lecturer, Iowa State University; Invited lecturer, Workshop on Synchrotron X-Ray Imaging, Argonne National Laboratory.

David Willard

“Owls on the Move” Symposium, University of Minnesota, Duluth, MN.

Philip W. Willink

Illinois State Academy of Science, Chicago, IL; American Cichlid Association, Chicago, IL; Calvin College, Grand Rapids, MI; Great Lakes Seafood Wallet Card Working Group, Chicago, IL; Conservation Workshop, Cobija, Pando, Bolivia.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

American Elasmobranch Society Annual Meeting, New Orleans, LA.

MUSEUM AND PUBLIC SERVICE, 2006
(Editorships, Committees, etc.)

DEPARTMENT OF ANTHROPOLOGY

Bennet Bronson

Field Museum: Department Representative, Science Advisory Council; Acting Chair, Department of Anthropology; Member, Anthropology Department Acquisitions Committee.

External: Museum Representative, Chicago Sister Cities Committee; Member, Advisory Committee, Chinatown Museum Foundation; Associate Editor, *ACRO Update*, Asian Ceramics Research Organization.

J.P. Brown

Field Museum: Member, Common Ground Committee; Member, Anthropology Information Management Committee; Member, SEM Users Group; Member, Kodak/Field Museum Digital X-ray Steering Group.

External: Co-chair, KE-Emu Conservation Module Group.

L. Antonio Curet

Field Museum: Member, Collection and Research's Research Seminar Committee; Member, Academic Affairs Technology Committee; Coordinator, Anthropology Special Seminars; Member, CCUC Community Advisory Panel.

External: Series Editor, Caribbean Archaeology and Ethnohistory Book Series, University of Alabama Press; Editorial Board, *Journal of Caribbean Archaeology*; Editorial Board, *Arqueología del Area Intermedia*; Editorial Board, *Ethnohistory*; Editorial Board, *Journal of Island and Coastal Archaeology*; Member, Committee on the Americas, Society for American Archaeology; Board Member, Puerto Rican Arts Alliance; Pro bono archaeological consultant, City of Ponce.

Scott J. Demel

External: Member, Illinois Archaeological Survey; Member, Society for American Archaeology; Consultant, University of Illinois at Chicago Archaeology Program.

Gary M. Feinman

Field Museum: Chair, Department of Anthropology; Member, Anthropology Acquisitions Committee; Member, Anthropology Promotions Committee; Member, Anthropology Space Committee; Member, Boone Intern Selection Committee; Member, CCC Intern Selection Committee; Member, Management Committee for expeditions@fieldmuseum.

External: Editor, *Journal of Archaeological Research*; Associate Editor, *Journal of World-Systems Research*; Series Editor, *Fundamental Issues in Archaeology*, Springer; Advisory Editor, *Foundations of Archaeology*, Eliot Werner Publications, Inc.; Advisory Editor, *Foundations of Anthropology*, Eliot Werner Publications, Inc.; Advisory Editor, *Cross-Cultural Research*; Board of Editors, American Anthropological Association; Editorial Advisory Committee, *Latin American Antiquity*; Director, Committee to oversee the Archaeology Research Center at Shandong University, Jinan, China; Outside hiring/tenure review: Arkansas Archaeological Survey, Illinois State University (2), Northern Illinois University, University of California-Riverside, Vanderbilt University (Art History, Anthropology); Ms. referee: *Human Ecology*, *Journal of Anthropological Research*, *Journal of Field Archaeology*, *Latin American Antiquity*, Society for Economic Anthropology; Grant referee: Dumbarton Oaks, Foundation for the Advancement of Mesoamerican Studies, Inc. (2), Luce Foundation, National Science Foundation, Social Sciences and Humanities Research Council of Canada; Exhibition proposal referee (Gold, Mythic Beasts, Greek Priestesses); Contribution to obituary, *Anthropology News*.

Jonathan Haas

Field Museum: Member, Museum Collections Fund Committee; Member, Department of Anthropology Acquisition Committee; Member, Anthropology Space Committee.

External: Member, American Association of Museum, Museum Accreditation Visiting Committee; Reviewer, National Endowment for the Humanities; Reviewer, National Science Foundation; Advisory Board Member, Human Relations Area Files, Collection of Archaeology.

Hildegard Heine

External: Chairwoman, Specialty Group for Ethnographic Objects, German Association of Conservators (VDR).

Chapurukha M. Kusimba

Field Museum: Member, Scholarship Committee.

External: Peer Reviewer, National Science Foundation; Peer Reviewer, National Geographic Society; Peer Reviewer, National Endowment for the Humanities; Editorial Committee, South African Archaeological Bulletin; Peer Reviewer, African Archaeological Review; Peer Reviewer Archaeology Magazine, Editorial Committee, Cotsen Institute of Archaeology Publications, University of California at Los Angeles; Editorial committee, Journal of Archaeological Research.

Robert D. Martin

Field Museum: Chair, Academic Affairs Management Group; Member, Academic Affairs CRC Taskforce Committee; Member, Common Ground Committee; Member, Repatriation Committee; Member, Repatriation Subcommittee of the Committee on Science; Member, Library Committee; Co-organizer, 2006 Parker Gentry Award Ceremony; Member, Management Committee for *expeditions@fieldmuseum*.
External: Museum Representative, Adler Planetarium Planning Committee for NASA-supported Global Climate Change Forums; Member, Scientific Advisory Committee for NSF-supported Integrated Primate Biomaterials and Information Resource; Member, External Scientific Advisory Committee for Duke University Primate Center.

Linda M. Nicholas

External: Editorial Assistant, *Journal of Archaeological Research*, *Fundamental Issues in Archaeology* (Springer series).

Ruth Norton

Field Museum: Member, Pest Sub-committee; Member, Facilities Planning Advisory Group
External: Editor, Art and Archaeology Technical Abstracts; Member, Institute of Museum and Library Services Conservation Project Support grants review panel; Member, Tawani Foundation advisory panel for Jackson Barracks, New Orleans.

Christopher J. Philipp

Field Museum: Member, Anthropology Database Committee.

Cheryl Podsiki

External: Member, American Institute for Conservation Health and Safety Committee.

Angela Steinmetz

Field Museum: Member, Common Ground; Member, Anthropology Acquisitions Committee.

External: Member, American Association of Museums; Member, Registrar's Committee of the American Association of Museums.

John Edward Terrell

Field Museum: Member, Common Ground Committee; Member, Anthropology Database Committee; Member, Anthropology Department Acquisitions Committee; Member, Regenstein Fund Committee.

Anne P. Underhill

Field Museum: Member, Library Committee; Associate Editor, Anthropology, *Fieldiana*; Member, AA-EE Committee; Organizer, Global Dimensions workshop, Department of Anthropology; Member, Chinese Rubbings Research Project Team; Head of Search Committees for Anthropology Department to hire new Head of Collections Management and new Collections Manager.

External: Co-editor, *Asian Perspectives*; Editorial Board, *Journal of Anthropological Science* (Japan); Advisory Board, *Journal of East Asian Archaeology*; Reviewer, *Proceedings of the National Academy of Sciences* and for Cambridge University Press; Member, Graduate Admissions Committee, University of Illinois at Chicago-Field Museum Anthropology Program.

Alaka Wali

Field Museum: Member, Committee on Science.

External: Board of Directors, Society for Applied Anthropology; Member, Advisory Board, American Anthropological Association Project on Race and Human Variation; Member, Board of Trustees, The Latin School: High Jump (Program for Talented Minority Youth); Board of Directors, Youth Organization Umbrella (YOU), Evanston.

Patrick Ryan Williams

Field Museum: Member, Academic Affairs-ECCo/Exhibitions-Education Liaison Committee; Member, C&R-IT Committee; Member, Scanning Electron Microscope Committee; Chair, Elemental Analysis Facility Committee.

External: Member, UIC Anthropology Graduate Funding Committee.

Désirée Wisse

Field Museum: Member, Maori Visit Committee.

DEPARTMENT OF BOTANY

Norbert J. Cordeiro

Field Museum: Member, The Field Museum Africa Council.

External: Africa Section for the Society for Conservation Biology co-opted organizational member; Research Partner, Landscape, Ecological and Anthropogenic Landscape Processes multidisciplinary doctoral training program, University of Illinois at Chicago; Guest Editor, Special Issue of *Biological Conservation*; Editorial board of *Scopus—Journal of the East Africa Ornithological Society*; Editorial board, *Journal of the East Africa Natural History Society*; Editorial panel, *African Journal of Ecology*.

Michael O. Dillon

Field Museum: Chair, Botany Department; Head of Phanerogams; Member, Academic Affairs Management Group (Jan-Aug); Collection and Research Management Group; Member, Committee on Science; Member, Museum Collections Fund Committee, C&R; Co-coordinator, Botany Friends Group; Botany KeEMu digitization project.

External: Editorial Board, *Arnaldoa*, Peru; Editorial Board, *Flora of Ecuador*, The Netherlands; Editorial Committee, *Flora Neotropica*; Editor, *Chloris Chilensis*, Chile; Manuscript Reviewer, *Molecular Phylogenetics and Evolution*, *Diversity and Distributions*, *ENVIPE—Changes in the Utilisation of Peru's Humid Montane Eastern Forests*, *Journal of Arid Environments*, *Proceedings of the International Solanaceae Conference*; Fellow, Center for Advanced Studies in Ecology and Biodiversity. Pontificia Universidad Católica de Chile; Visiting Professor, Biological Sciences Faculty, Universidad Ricardo Palma, Lima, Peru; Honorary Professor, Universidad Nacional de Cajamarca, Cajamarca, Peru; Visiting Professor, Universidad Antenor Orrego, Trujillo, Peru; Honorary Professor, Universidad Nacional de San Agustín, Arequipa, Peru; Socio Honorario, Colegio de Biólogos del Peru.

Susan M. Hamnik

Field Museum: Member, Safety Committee; Member, Roundtable; Academic Affairs Professional Staff representative.

Kentaro Hosaka

External: Vice President, North American Truffling Society (NATS).

Sabine M. Huhndorf

Field Museum: Botany Liason, CRC-Cryo Facility; Associate Editor, *Fieldiana*; Botany Alternate, SAC.

Maria Lucia Kawasaki

External: Manuscript reviewer, *Brittonia*; Manuscript reviewer, *Neobiodiversity*; Manuscript reviewer, *Sida Contributions to Botany*; Member, Organization for Flora Neotropica Commission.

Patrick R. Leacock

Field Museum: Project Coordinator for Fungi, vPlants.org; Member, Chicago Wilderness Science Team.

External: Scientific Advisor, Illinois Mycological Association; Contact person for mushroom cases, Illinois Poison Center; Coordinator, Voucher Collection Committee, North American Mycological Association; Chair, Liaison with Amateur Mycological Clubs and Societies Committee, Mycological Society of America.

H. Thorsten Lumbsch

Field Museum: Head of Cryptogams; Member, Management Committee, The Pritzker Laboratory for Molecular Systematics and Evolution; Member, Organizing Committee, Seminar Series.

Gregory M. Mueller

Field Museum: Academic Affairs Representative, Technology Subcommittee of Board of Trustees; Member, C&R-IT Liaison Committee; Member, Academic Affairs-ECCo/Exhibitions-Education Liaison Committee; Member, Award of Excellence Committee; Chair, SEM Committee; Chair, Museum Multiuser Laboratory Committee; Member, Field Museum-Monsanto Environmental Education Initiative Steering Committee; Chair, v-PlantPlus Coordinating Group, joint Field Museum, Morton Arboretum, and Chicago Botanic Garden project; FM-U of C-CEB Liaison for training grants; Member, Member, joint FM-U of C Biodiversity Science Center Planning Committee; Member FM-UIC Liaison Team; Member Planning Team for Dunes Research Summit to be held in April 2007.

External: Editor, *Mycological Research*, *Nova Hedwigia*; Editorial Board, *Anales del Jardin Botanico de Madrid*; Proposal Reviewer, *Deutsche Forschungsgemeinschaft*, *Norwegian Research Council*; Manuscript Reviewer, *American Journal of Botany*, *Antarctic Science*, *Lichenologist*, *Molecular Biology and Evolution*, *Molecular Phylogenetics and Evolution*, *Mycologia*, *Mycological Research*, *Nova Hedwigia*. Associate Chair, Committee on Evolutionary Biology, University of Chicago; Head, GAANN Steering Committee, University of Chicago; International Coordinator, National Fungal Inventory, National Institute of Biodiversity (INBio), Costa Rica; Member (USA representative), Fungi Specialist Group, The World Conservation Union (IUCN) Species Survival Commission; President-Elect (January-August), President (August-December), Mycological Society of America; Mycological Society of America Chair, Voucher Collection Committee, North American Mycological Association; Member, Science Advisory Committee, Illinois Chapter of The Nature Conservancy; Contact for mushroom cases, Illinois Poison Control Center; Scientific Advisor, Illinois Mycological Association; Member, Organization for Flora Neotropica Commission.

Christine Niezgoda

Field Museum: Member, Pest Committee; Member, Common Ground.

Richard Ree

Field Museum: Member, Science Advisory Committee; Member, Pritzker Lab Management Group; Member, Scholarship Committee; Chair, C&R-IT Liaison Committee.

External: Member, Graduate Admission Committee; Member, Committee on Evolutionary Biology; Manuscript reviewer, *International Journal of Plant Sciences*; Manuscript Reviewer, *Novon*; Manuscript reviewer, *Plant Systematics and Evolution*; Manuscript Reviewer, *Jeffress Trust*.

Gayle Tonkovich

Field Museum: Member, Common Ground Committee.

External: Director, Board for the Richardson Wildlife Sanctuary, Dune Acres, IN.

DEPARTMENT OF GEOLOGY

John R. Bolt

Field Museum: Chair, Science Advisory Council; Member, VP Docket; Acting Chair, Department of Geology; Member, *Fieldiana* Editorial Board and Associate Editor for Geology.

External: Member, Financial Oversight Committee, Society of Vertebrate Paleontology; Manuscript reviewer for *Journal of Paleontology*, *Journal of Vertebrate Paleontology*.

Ian Glasspool

Field Museum: Disaster Planning Committee

External: Manuscript reviewer for *Geology*, *Review of Palaeobotany and Palynology*, *Palaaios*, *Palaeogeography Palaeoclimatology Palaeoecology*, *Journal of the Geological Society of London*; Grant reviewer for *National Science Foundation*, *Petroleum Research Fund*.

Lori Grove

External: Vice President for the Board of Directors, Maxwell Street Foundation; Secretary, Pine Lake Association.

Lance Grande

Field Museum: Member, VP Docket; Chair, Museum Collections Fund Committee; Staff Liaison, Committee on Science; Chair, Management Committee for *expeditions@fieldmuseum*; Member, C&R-Library Liaison Committee; Member, C&R-Public Programs Liaison Committee; Member, Head of Protection Services Search Committee; Member, Academic Affairs Management Group; Organizer, Committee on Science; Organizer, weekly C&R Chair meetings; Organizer, C&R-IT Liaison Committee, Presenter, quarterly C&R State of Affairs meetings, Content Specialists for Temporary Exhibits; Participant, Board of Trustees meetings; Participant, Orientations for New Trustees; Participant, Founders' Council meetings; Participant, Women's Board meetings; Coordinator, "Know your Chicago" event; Member, Grainger Fund Committee; Member, Geology Department Curatorial Search Committee; Coordinator, Collections and Research Annual Report; Member, FM-U of C Connections committee at Argonne National Labs.

Eric Hilton

External: Member, Working Group, *Towards an Integrated Database for Fish Evolution*, National Evolutionary Synthesis Center, Durham, NC; Technical Editor, *Journal of Paleontology*.

Member, Editorial Board, *Copeia*; Manuscript reviewer for the following journals: *Journal of Morphology*, *Zoological Journal of the Linnean Society*, *Mitteilungen aus dem Museum für Naturkunde Zoologische Reihe*, *Journal of Vertebrate Paleontology*, *Canadian Journal of Earth Science*; as well as several edited volumes.

Rebekah Hines

Field Museum: Member, Safety and Security Committee.

Philip E. Janney

Field Museum: Member, Elemental Analysis Facility Committee; Member, SEM Committee

External: Manuscript reviewer for *Earth and Planetary Science Letters* and *Geochemistry, Geophysics, Geosystems (G³)*.

Scott Lidgard

Field Museum: Member, Library Committee; Member, Geology Promotions Committee; Member, Academic Affairs *ad hoc* liaison committee to Biology Department, University of Illinois at Chicago.

External: Recipient of the "Future Faculty Mentorship Award" at the University of Chicago; Grant proposal reviewer for National Science Foundation; Manuscript reviewer for *Science*, *Journal of Paleontology*.

Peter Makovicky

Field Museum: Member, Licensing Committee; Member, Scholarship Committee; External member, Fishes Curator Search Committee.

External: Member, Romer Prize Committee for honoring best student presentation, Society of Vertebrate Paleontology 66th Annual Meeting; Session moderator, Society of Vertebrate Paleontology 66th Annual Meeting; Session moderator at 2nd International Paleontological Congress, Beijing, China. Grant proposal reviewer for National Science Foundation; Manuscript reviewer for the following journals: *Canadian Journal of Earth Sciences*, *Evolution and Development*; *Journal of Vertebrate Paleontology*, *Nature*, *Naturwissenschaften*, *Neues Jahrbuch für Geologie und Paläontologie*, *Palaeoworld*, *Proceedings of the Royal Society*, *Science*.

Jennifer C. McElwain

Field Museum: Member, Seminar Series Committee; Member, Academic Affairs-ECCo/Exhibitions-Education Liaison Committee; Member-at-large, Science Advisory Council.

External: Hinds Graduate Research Scholarship Review Committee, University of Chicago; Panelist NSF Paleontology and Sedimentology Program, Geology Editorial Board, The Paleontological Society At large Council Member under 40; Manuscript reviewer for *Science*, *Geology*, *Earth and Planetary Sciences Letters*, *PALAOIS*, *Global Change Biology*, *Journal of Quaternary Sciences*, *Quaternary Research*, *Paleo.*, *Nature*, *Geophysical Research-Earth Surface*; Proposal reviewer for National Science Foundation.

Olivier Rieppel

Field Museum: Chair, Department of Geology; Member, Academic Affairs Management Group; Member, Academic Affairs and Museumwide CRC Task Force; External member, Zoology Promotions Committee; Participant, Committee on Science.

External: Associate Editor, *Zoological Journal of the Linnean Society*; Associate Editor, *Amphibia and Reptilia*; Associate Editor, *Zoologischer Anzeiger*; Associate Editor, *Palaeontologische Zeitschrift*; Editorial board member, *Development and Evolution*; Editorial board member, *Zoologische Abhandlungen des Staatlichen Museum für Tierkunde*, Dresden; Member, Richard Estes Memorial Award Committee, Society of Vertebrate Paleontology.

Akiko Shinya

Field Museum: Member, Award of Excellence Selection Committee

External: Preparators' committee, Society of Vertebrate Paleontology; Information Management committee, Society of Vertebrate Paleontology; Website editor, *Materials & Methods: A resource for preparators of fossil vertebrates*, Society of Vertebrate Paleontology.

William F. Simpson

Field Museum: Representative, site visit with Patricia M. Hester, vert. paleo administrator for Bureau of Land Management.

External: Member, Preparators' Grant Committee, Society of Vertebrate Paleontology; Member, Preparators' Committee, Society of Vertebrate Paleontology; Consultant, Conservation of giant Irish deer specimen at American College of Surgeons; Consultant, specimen selection, conservation and mounting for *Frogs* exhibit at Museum of Science & Industry

Deborah Wagner

Field Museum: Member, Safety and Security Committee.

Peter J. Wagner

Field Museum: Member, Seminar Series Committee.

External: Editorial board, *Palaeontologische Zeitschrift*, Science Advisory Board, National Evolutionary Synthesis Center (NESCent); Reviewer, *Paleobiology* (3); Reviewer, *Science* (3); Reviewer, *Journal of Paleontology*; Reviewer, *Evolution*; Reviewer, *American Naturalist*; Proposal reviewer, National Science Foundation.

Elaine Zeiger

Field Museum: Secretary, Scholarship Committee.

DEPARTMENT OF ZOOLOGY

John M. Bates

Field Museum: Chairman, Department of Zoology; Member, Pritzker Lab Management Committee; Member, Academic Affairs Management Group; Member, Academic Affairs Licensing Committee; Member, Academic Affairs Collection Resource Center Committee; Member, Africa Council; Member, FM-U of C Biodiversity Initiative Planning Committee; Participant, Committee on Science; Participant, Common Ground database meetings; Participant, Visualization Facilities Discussion group; Coordinator, Visit of the Directors of the National Museums of Kenya; Coordinator, Visit of the Minister of Culture for Kenya and Directors of the National Museums of Kenya; Outside member, Anthropology Promotions Committee; Participant, New Trustee Orientations (6); Participant, Parker Gentry Award Ceremony. External: Cooper Ornithological Society Student Awards Committee; Board Member, Society of Neotropical Ornithological Society; Zoology Department Liaison with Chicago office of U.S.F.W Service.

Rüdiger Bieler

Field Museum: Head, Division of Invertebrates; Chair, Library Committee; Chair, Arthropod Curator Search Committee; Member, SEM Committee.

External: Past President on Council, American Malacological Society; North American Editor, *Zoological Journal of the Linnean Society*; Associate Editor/Editorial Board, *Zootaxa*, *Malacologia – International Journal of Malacology*, *Archiv für Molluskenkunde*, *The Nautilus*, *The Festivus*, *Iberus*, *The Yuriyagai*, *Acta Zootaxonomica Sinica*, *Malakologische Abhandlungen*, *Papéis Avulsos de Zoologia*, *Arquivos de Zoologia*; Member, Committee on Evolutionary Biology, University of Chicago; Member, Faculty Appointments Committee, CEB, University of Chicago.

James H. Boone

External: Reviewer, book proposals, University of Chicago Press.

Carl W. Dick

Field Museum: Insects Representative, Cryogenics Storage Committee; Member, Field Museum Cleanup Committee.

External: Member, Board of Directors, American Society of Mammalogists; Member, Board of Governors, Southwestern Association of Naturalists; Member, Systematics Collections Committee, American Society of Mammalogists.

Jack Fooden

External: Editorial Board, *International Journal of Primatology*.

Jochen Gerber

Field Museum: Member, Library Committee.

External: Terrestrial Mollusk Team, New Pest Advisory Group, APHIS (USDA).

Steven M. Goodman

External: Editorial Board, *Faune de Madagascar*, *Mammalia*, *African Bat Conservation Newsletter*.

Shannon J. Hackett

Field Museum: Member, Pritzker Lab Management Committee; Member, Academic Affairs Management Group; Member, C&R-IT Liaison Committee; Manager, High Performance Computing Cluster; Academic Affairs point person, Cryogenics Facility; Radiation Safety Officer.

External: Council Member, Society of Systematic Biologists; Editorial Board, *Molecular Phylogenetics and Evolution*; Member, University of Chicago Committee on Evolutionary Biology Student Advisory Committee.

Lawrence R. Heaney

Field Museum: Head, Division of Mammals; Co-Chair of Pest Subcommittee, Facilities Advisory Committee; Chair, Zoology Promotions Committee; Academic Affairs representative, *Crown Family PlayLab* exhibit development team.

External: Member, Science Advisory Board, Lube Foundation; Board of Trustees and Editorial Board, Wildlife Conservation Society of the Philippines; Consultant on Philippine issues, Conservation International, National Geographic Society, World Wildlife Fund; Associate Editor, *Journal of Biogeography*.

Mary Hennen

Field Museum: Board Member, Education Committee Chair, Editorial Board.

External: Board Member, Illinois Ornithological Society, Illinois Bluebird Project; Illinois Audubon Society.

Robert F. Inger

External: Trustee Emeritus, Board of Trustees, The Nature Conservancy of Illinois; Member, Editorial Board, *Acta Zootaxonomica Sinica*; Member, Editorial Board, *Raffles Bulletin of Zoology*; Member, Editorial Board, *The Natural History Journal of Chulalongkorn University*.

Janeen Jones

Field Museum: Member, Centralized Database Committee (Common Ground Project).

Maureen Kearney

Field Museum: Head, Division of Amphibians and Reptiles; Presenter, Field Museum Board of Trustees; Outside member, Geology Promotions Review Committee; Zoology Representative, Scholarship Committee; Chair, Fishes Curator Search Committee.

External: Member, Herpetology Curator Search Committee, American Museum of Natural History; Member, Executive Council, Herpetologists' League; Member, Board of Governors, American Society of Ichthyologists and Herpetologists; Member, Estes Awards Committee, Society of Vertebrate Paleontology; Elector, Society for the Study of Amphibians and Reptiles; Associate Editor, *Morphology and Systematics, Herpetologica*; Editorial Board, *Copeia, Journal of Experimental Zoology, Part A*; Grant reviewer, National Science Foundation (3 proposals); Manuscript Referee, *Canadian Journal of Earth Sciences, Copeia, Journal of Herpetology, Herpetologica, Herpetological Review, Systematic Biology*.

Alfred F. Newton

Field Museum: Collaborator, Insects EMu catalog design and database conversion; Member, Zoology Promotion Committee; Member, Fishes Search Committee; Member, Arthropod Search Subcommittee.

External: Editorial Board, *Belgian Journal of Entomology, Entomological Research*; Member, Committee for Official List of Family and Genus group names in Coleoptera (Coleopterists Society representative); Manuscript Reviewer, *Annals of the Entomological Society of America, Coleopterists Bulletin, Zootaxa*.

Bruce D. Patterson

Field Museum: Member, Institutional Animal Care and Use Committee; Member, Scholarship Committee; Member, Fishes Curator; Member, Arthropod Curator Search Committee; Liaison, Graduate Program with University of Illinois at Chicago; Curatorial Member, Council on Africa.

External: Associate Editor, *Mastozoología Neotropical, Diversity and Distributions*; Past President, American Society of Mammalogists; Promotions reviewer, US Fish & Wildlife Service, Cooperative Research Unit; Promotions reviewer, Oklahoma State University.

Julian C. Kerbis Peterhans

Field Museum: Host, Director and Deputy Director, National Museums of Kenya.

External: Senator, Roosevelt University, University College; Member, College Council of the College of Arts and Sciences.

Alan Resetar

External: Member, Indiana DNR Nongame Program, Amphibian and Reptile Technical Advisory Committee; Member, Chicago Wilderness Reptile and Amphibian Recovery Plan; Member, Partners in Amphibian and Reptile Conservation; Member, Indiana Academy of Science, Biodiversity and Natural Areas Committee; Member, Porter County (IN) Wildlife Management Advisory Board; Advisory board member, Woodland Savanna Land Conservancy.

Mary Anne Rogers

Field Museum: Member, Field Museum Facility Advisory Group Recycling Subcommittee (A Greener Field).

External: Member, Collections and Resources Committee, American Society of Ichthyologists and Herpetologists.

Petra Sierwald

Field Museum: Chair, Scholarship Committee; Member, Arthropod Search Subcommittee; Member, Seminar Committee.

External: Fellow, California Academy of Sciences; Editorial Board, *Zoological Journal of the Linnean Society*; National Science Foundation Panel Service.

Alexey Solodovnikov

External: Reviewer, *Deutsche Entomologische Zeitschrift*, *Zootaxa*, *Invertebrate Systematics*, *Acta Zoologica Sinica*; Reviewer and Editorial Board Member, *Caucasian Entomological Bulletin*.

William T. Stanley

Field Museum: Member, Field Museum Facility Advisory Group Recycling Subcommittee (A Greener Field); Member, Facilities Advisory Group.

External: Chair, Systematic Collections Committee, American Society of Mammalogists.

Bryan L. Stuart

External: Invited Member, IUCN/SSC Tortoise and Freshwater Turtle Specialist Group.

Daniel Summers

Field Museum: Chair, Personnel Committee.

Kevin Swagel

Field Museum: Member, Personnel Committee.

Margaret K. Thayer

Field Museum: Zoology Representative, Common Ground Committee; Zoology Advisor, redesigning EMU Taxonomy module; Coordinator, Insects EMU catalog design and database conversion; Member, Zoology Promotion Committee; Member, Fishes Search Committee; Member, Arthropod Search Subcommittee; Contributor, Tree of Life section of Annual Report; Sponsor/Co-sponsor, three Visiting Scholar Grant awardees.

External: Editorial Board, *Thomas Say Publications* series (Entomological Society of America); International Advisory Board, *Annales Zoologici*; Editorial Board, *Dugesiana*; Book Proposal Reviewer, Princeton University Press; Proposal Reviewer (Systematics), National Science Foundation, Manuscript Reviewer, *Zootaxa*, *Entomological News*, *Molecular Phylogenetics & Evolution*, *Annals of the Entomological Society of America*; Fellowship Application Reviewer (Graduate Women in Science), University of Chicago; Team Head Judge, Section A Student Competition, Entomological Society of America annual meeting.

Janet R. Voight

Field Museum: Associate Editor, *Fieldiana*; Chair, Zoology Department Nominating Committee for the position of Departmental Chair; Member, Academic Affairs-ECCo/Exhibitions-Education Liaison Committee; Member, Institutional Animal Care and Use Committee; Member, Botany Promotions Committee; Member, Fishes Curator Search Committee; Member, Zoology Promotions Committee.

External: Chair, Student Presentation Judging Committee, American Malacological Society; Chair, Student Research Award Committee, American Malacological Society; Panel member, National Science Foundation; Ad hoc research proposal reviewer for US National Oceanographic and Atmospheric Administration, US Office of Ocean Exploration, National Science Foundation Biological Oceanography, US Biological Research Collections, US Biotic Surveys and Inventories, *Systematics*, European Union: Euro-DEEP program; Ad Hoc reviewer, *Cahiers de Biologie Marine* (2), *New Zealand Journal of Zoology*, *African Journal of Marine Science*, *Mitteilungen aus dem Hamburgischen Zoologischen Museum und*

Institut, Marine Ecology, Marine Biology Research, Behavioral Ecology, Ethology, Journal of Molluscan Studies.

Jason D. Weckstein

Field Museum: Participant, databasing of Insect collection (Louse collection).

Mark W. Westneat

Field Museum: Member, Science Advisory Council; Chair, Institutional Animal Care and Use Committee; FM-U of C Teaching Liaison.

External: Hinds Fund Committee, University of Chicago; Lecturer Review Committee, University of Chicago.

David Willard

External: Editorial Board, *The Meadowlark*; Member, Illinois Ornithological Records Committee.

Philip W. Willink

External: Member, All Catfish Species Inventory; Member, Great Lakes Rapid Response Plan; Member, Chicago Wilderness Aquatic Initiative; Member, Technical Advisory Group (Little Calumet and Grand Calumet River Corridors) for Illinois Coastal Management Program; Manuscript reviewer, *Zootaxa*.

FIELDWORK AND RESEARCH TRAVEL, 2006

DEPARTMENT OF ANTHROPOLOGY

Bennet Bronson

Research: State of Washington.

J.P. Brown

Research: University of Texas, Austin; TeraRecon, San Mateo, CA; Siemens Preclinical, Knoxville, TN; MicroPhotonics, Allentown, PA.

Winifred Creamer

Field Work: Caballete, Fortaleza Valley, Peru.

L. Antonio Curet

Field Work: Ponce, Puerto Rico.

Research: Ponce, Puerto Rico.

Scott J. Demel

Field Work: Hopkins Park, Pembroke Township, Kankakee County, IL; Camp Douglas, IL.

Research: Chinatown, Chicago, IL.

Gary M. Feinman

Field Work: Shandong, China; El Pamillo, Oaxaca, Mexico.

Jonathan Haas

Field Work: Caballete, Fortaleza Valley, Peru.

Research: Washington, DC; Barranca, Peru.

Sophie Hammond-Hagman

Field Work: Amorium, Turkey.

Chapurukha M. Kusimba

Field Work: Mount Elgon, Kenya; Madagascar.

Research: Santa Fe, NM; Royal Ontario Museum, Canada.

Robert D. Martin

Research: Stuttgart Natural History Museum, Germany; University of Zürich, Switzerland; Natural History Museum, London; University College London, England; University of Cambridge, England.

Linda M. Nicholas

Field Work: Shandong, China; El Pamillo, Oaxaca, Mexico.

Ruth Norton

Research: Tokomaru Bay, Wellington, New Zealand; Rotorua, Auckland, New Zealand.

Christopher J. Philipp

Research: Ustupu Island, San Blas Archipelago, Kuna Yala, Panama; Vera Cruz, Panama City, Panama; Auckland War Memorial Museum, Auckland, New Zealand; Museum of New Zealand Te Papa Tongarewa, Wellington, New Zealand.

Jill Seagard

Field Work: El Pamillo, Oaxaca, Mexico.

Anne P. Underhill

Field Work: Southeastern Shandong, China.

Research: Taipei, Taiwan and Yixing pottery production area, Jiangsu province, China.

Alaka Wali

Field Work: Chicago, IL.

Research: Pando, Bolivia; Cordillera Azul National Park, Peru; Matses Communal Reserve, Peru.

Patrick Ryan Williams

Field Work: Moquegua, Peru.

Research: Museu Nazionale Preistorico Etnografico, Rome, Italy; Museu de Etnologie Misionario, Vatican City; American Museum of Natural History, New York; University of Pennsylvania Museum of Archaeology and Anthropology, Philadelphia, PA.

Désirée Wisse

Field Work: Tokomaru Bay, Wellington, New Zealand; Rotorua, Auckland, New Zealand.

DEPARTMENT OF BOTANY**Norbert J. Cordeiro**

Fieldwork: East Usambara Mountains, Tanzania.

Research: University of Dar es Salaam, Dar es Salaam, Tanzania; Tanzania Wildlife Research Institute, Arusha, Tanzania; Wildlife Conservation Society of Tanzania, Dar es Salaam, Tanzania.

Michael O. Dillon

Fieldwork: Chile.

Kentaro Hosaka

Fieldwork: Hawaii Island, HI; HJ Andrews Experimental Forest, OR; Victoria, Australia; New Caledonia; Eastern Highlands, Papua New Guinea; New Zealand.

Research: Oregon State University, Corvallis, OR; New Zealand Fungal Herbarium (PDD), Auckland, New Zealand; Royal Botanic Gardens (MEL), Victoria, Australia; University of Melbourne Herbarium (MELU), Victoria, Australia.

Maria Lucia Kawasaki

Research: Missouri Botanical Garden, St. Louis, MO.

Patrick R. Leacock

Fieldwork: Chicago region, IL and IN.

Robert Lücking

Fieldwork: Canta, Peru; Chanchamayo, Peru; Andaychagua, Peru; Yanganuco Lake, Peru; La Selva Biological Station, Costa Rica.

Research: Farlow Herbarium, Harvard University, Cambridge, MA; New York Botanical Garden, NY; Smithsonian US National Herbarium, Washington, D.C.; Canadian War Museum, Ottawa, Canada; Instituto Nacional de Biodiversidad (INBio), Costa Rica; Universidad de Costa Rica; Universidad Peruana Cayetano Heredia, Peru; Universidad Nacional Mayor de San Marcos, Peru.

H. Thorsten Lumbsch

Fieldwork: Morocco; Australia.

Research: Universidad Complutense de Madrid, Spain.

Gregory M. Mueller

Fieldwork: Papua New Guinea; Queensland and Tasmania, Australia; South Island, New Zealand; Tibet, China.

Research: Goroka University, Goroka, Papua New Guinea; Royal Botanic Garden, Melbourne, Australia; Tasmanian Herbarium, Hobart, Australia; Institute of Botany, Kunming, Yunnan, China.

Richard Ree

Fieldwork: Sichuan, Yunnan, and Xizang (Tibet), China.

Research: Harvard University Herbaria, Cambridge, MA; Kunming Institute of Botany, Kunming, China.

Betty Strack

Fieldwork: Tasmania, Australia; South Island, New Zealand.

Gayle Tonkovich

Fieldwork: Indiana Dunes National Lakeshore, IN.

Matt von Konrat

Fieldwork: Fiji; New Zealand.

DEPARTMENT OF GEOLOGY

Lance Grande

Fieldwork: Green River Formation, Kemmerer, WY.

Research: Canadian Museum of Nature, Ottawa.

Eric Hilton

Fieldwork: Galápagos Islands, Ecuador; Pacific Coast of California, Oregon, and Washington.

Research: American Museum of Natural History, New York, NY; University of Massachusetts, Amherst, MA; University of Washington Fish Collection, Seattle, WA; St. Louis University, St. Louis, MO.

Philip Janney

Fieldwork: Sudbury Impact Structure, Ontario, Canada.

Lenny Kouwenberg

Fieldwork: Sierra Nevada, CA.

Research: Smithsonian Institute of Natural History, Washington D.C.; UCMP and UC Berkeley, Berkeley, CA; UC Santa Barbara, Santa Barbara, CA; University College Dublin, Belfield, Ireland.

Scott Lidgard

Research: New Zealand Institute of Water and Air, Wellington, New Zealand.

Peter J. Makovicky

Fieldwork: Gansu Province, China.

Research: American Museum of Natural History, New York, NY; Institute of Vertebrate Paleontology and Paleoanthropology & Peking University, both Beijing, China; Museo Egidio Feruglio, Trelew, Argentina; Instituto Miguel Lillo, Tucuman, Argentina; Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina; Museo Municipal El Chocón, El Chocón, Argentina; Centro Paleontológico Los Barreales, Neuquén, Argentina; Humboldt Museum für Naturkunde, Berlin, Germany; Bayerische Staatssammlung für Paläontologie und Geologie, Munich, Germany; Staatliches Museum für Naturkunde, Stuttgart, Germany.

Jenny McElwain

Research: Snowbird, Utah; University College Dublin, Oxford University.

Olivier Rieppel

Fieldwork: Guizhou Province (Guiyang, Guanling, Anshun, Xingyi), China; Yunnan Province (Kunming), China.

Research: Museo Civico di Storia naturale di Milano; Peking University, Beijing.

Akiko Shinya

Fieldwork: Green River Formation, Kemmerer, WY.

Research: University of Toronto, ON.

DEPARTMENT OF ZOOLOGY

John M. Bates

Research: British Museum, Tring, UK.

Rüdiger Bieler

Field Work: Florida Keys; South Carolina; Spain.

Research: American Museum of Natural History, New York, NY; Paleontological Research Institution, Ithaca, NY; Smithsonian Marine Station, Fort Pierce, FL; Tropical Research Laboratory, Summerland Key, FL.

Carl W. Dick

Field Work: Kenya.

Jack Fooden

Field Work: Cedre Gouraud, Morocco.

Research: Institut Scientifique, Rabat, Morocco.

Jochen Gerber

Field Work: Alabama; Tennessee; North Carolina; Illinois; Indiana.

Thomas Gnoske

Field Work: Malawi; South Africa.

Steven M. Goodman

Field Work: Nosy Be, Nosy Komba, Ile Sainte-Marie, Angavokely, Tsiromandidy, Anjozorobe all in Madagascar; Mauritius (12 sites); Moroni and Anjouan Islands in the Comoro Islands; Mayotte and La Réunion Islands in France.

Research: Muséum National d'Histoire Naturelle, Paris, France; The Natural History Museum, London, UK; Université d'Antananarivo, Département de Biologie Animale, Antananarivo, Madagascar.

Shannon J. Hackett

Research: Hamburg, Germany.

Lawrence R. Heaney

Field Work: Mt. Data National Park, northern Luzon, Philippines.

Research: National Museum of the Philippines, Manila, Philippines; US National Museum of Natural History, Washington DC.

Robert F. Inger

Field Work: Sarawak, Malaysia.

Maureen Kearney

Research: Yale University, New Haven, CT; Smithsonian Institution, Washington DC.

Bruce D. Patterson

Field Work: Taita and Rukinga Ranches, Kenya; Arabuko-Sokoke Forest, Kenya.

Research: Global Mammal Assessment, Villa del Leyva, Colombia; Global Mammal Assessment, Porto Alegre, Brazil.

Julian C. Kerbis Peterhans

Field Work: Aberdares Mountain National Park, Kenya.

Research: British Museum of Natural History, London, UK.

Alan Resetar

Field Work: Beaver Dam County Park, IN.

Petra Sierwald

Research: Duke University, Durham, NC; California Academy of Sciences, San Francisco, CA; American Museum of Natural History, New York, NY.

Alexey Solodovnikov

Research: Zoological Museum, University of Copenhagen, Denmark; Museum of Natural History, University of Oslo, Norway.

William T. Stanley

Field Work: North Pare Mts, Minziro Forest and Pemba Island, Tanzania.

Research: Southern Highlands Conservation Project, Mbeya, Tanzania; University of Dar es Salaam, Tanzania.

Margaret K. Thayer

Field Work: Colorado; Utah; California; Oregon; Washington; Montana; Wyoming; South Dakota; New Hampshire.

Research: Harvard University, Cambridge, MA; Santa Barbara Museum of Natural History, Santa Barbara, CA; Oregon State University, Corvallis, OR; Montana State University, Bozeman, MT; Entomological Society of America annual meeting, Indianapolis, IN.

Janet R. Voight

Field Work: Gulf of Mexico, United States.

Research: Smithsonian Institution, Washington DC.

Harold K. Voris

Field Work: Khorat Basin, northeastern Thailand.

Jason D. Weckstein

Research: Illinois Natural History Survey, Champaign, IL.

Mark W. Westneat

Field Work: Palau, Micronesia.

Research: Argonne National Laboratory, Argonne, IL.

David Willard

Fieldwork: Malawi.

Research: Minnesota Department of Natural Resources regional offices; Bay Beach Wildlife Sanctuary, Green Bay, WI.

Philip W. Willink

Field Work: Alto Mazan region, Peru; Chicago Region, IL; Indiana.

Research: University of Michigan Museum of Zoology, Ann Arbor, MI; Governors State University, University Park, IL.

PUBLIC EDUCATION AND OUTREACH, 2006

DEPARTMENT OF ANTHROPOLOGY

Bennet Bronson

Media Development: Newspaper interview: *Chicago Tribune*; Television interview: WYCC, Chicago, IL.

Public Presentations: Public lecture, *Chinese Food*, Chinese American Museum of Chicago; Public lecture, *Foot-Binding*, Chinese American Museum of Chicago.

Other: Behind-the-scenes tours for Institutional Advancement, new Trustees, and visiting VIPs.

J.P. Brown

Exhibition Development: Lead Preventive Conservator, *Ancient Americas*; Lead Preventive Conservator, *Pacific Spirits*.

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for Institutional Advancement, Women's Board, Trustees, and VIPs; *Chicago Public School/Crow Canyon Archaeological Center* program.

Tatsumi Brown

Education Programs: Field Museum Members' Nights.

Winifred Creamer

Exhibition Development: Taped segment for use in *Ancient Americas*.

L. Antonio Curet

Exhibition Development: Content Specialist, *Ancient Americas*.

Education Programs: Field Museum Members' Nights; Director, Taíno Project, Puerto Rican Arts Alliance.

Media Development: Newspaper interview: *Diálogo*, University of Puerto Rico, San Juan; Television interview: *Geoambiente*, WIPR, San Juan, Puerto Rico.

Public Presentations: Public lecture, *Tainos Yesterday and Today*, Chicago and East Chicago, IN; Public lecture, *Celebración: Latin Heritage Festival*, The Field Museum, Chicago.

Other: Lectures to 3rd and 4th grades at Heritage Lakes Elementary School, Carol Stream, and 6th grade at Glenside Middle School, Glendale Heights.

Scott J. Demel

Exhibition Development: Curator/Content Specialist, *History of Chinatown*, Chinese-American Museum, Chicago, IL.

Education Programs: Field Museum Members' Nights.

Media Development: Newspaper interviews: Detroit Free Press; *Dayton Daily News*, Dayton, OH; *Record Eagle*, Traverse City, MI; *The Philadelphia Inquirer*, Philadelphia, PA; *Petoskey News-Review*, Petoskey, MI; *The Chicago Sun-Times*, Chicago, IL; *The Daily Journal*, Kankakee, IL; *Chicago Tribune*, Chicago, IL; Magazine interview: *Columbia College Today Magazine*, Chicago, IL; Radio interview: WBEZ-FM, Chicago, IL.

Other: CRC tours for CRC Task Force, CRC Review Group, Board of Trustees, Anthropology Alliance, and various visitors; Visiting researcher assistance with Illinois archaeological collections; Coordinating Cultural Resource Management and salvage archaeology efforts for the CRC project with the Illinois Historic Preservation Agency, the Illinois State Museum, and the Illinois Archaeology Survey; "Field School for Budding Archaeologists," Pembroke School District, Hopkins Park, IL.

Laure Dussubieux

Education Programs: Field Museum Members' Nights.

Gary M. Feinman

Exhibition Development: Content Specialist, *Ancient Americas*; Content Specialist, *Aztecs* exhibit.

Education Programs: *expeditions@fieldmuseum* electronic field trips (China, Mexico).

Public Presentations: Centro INAH Oaxaca, Mexico; Public lecture and exhibition of archaeological pieces, Matatlán, Oaxaca, Mexico; Charles Mann program, The Field Museum; Montgomery Place senior center, Hyde Park, IL.

Media Development: Newspaper interviews: *Chicago Tribune*, Chicago, IL; Television interviews: CBS News-Chicago; CBS-Chicago; ABC News-Chicago.

Other: Behind-the-scenes tours for Museum members, visiting scholars, visiting VIPS, etc., Content Advisor for *The History of the Calendar* (B. Somervill), *The Child's World*, Chanhassen, MN; Featured scientist in *Reading Street* (L. Klobuchar), Scott Foresman.

Tina Gessler

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for State Farm; *Chicago Public School/Crow Canyon Archaeological Center* program.

Jonathan Haas

Exhibition Development: Content Specialist, *Ancient Americas*, *Eskimo and Inuit Carvings*, Crow Exhibit, and *Cheyenne Visions*; Content Advisor, *Crown Family PlayLab*, Grainger Gallery renovations

Education Programs: Field Museum Members' Nights.

Media Development: Newspaper interviews: *Chicago Tribune*, Chicago, IL; *New York Times*, NY; *El Comercio*, Peru; *Associated Press*; Radio interview: *WBEZ-FM*, Chicago, IL; Participated in development of BBC documentary on the Pyramids of Tucume.

Public Presentations: Presentation, Education Department lecture on 1491.

Other: Lectures to Anthropology Alliance, Field Museum Executive Committee, Board of Trustees, Women's Board, and Founder's Council.

Sophie Hammond-Hagman

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tour for *Chicago Public School/Crow Canyon Archaeological Center* program.

Hildegard Heine

Exhibition Development: Lead Conservator, *Ancient Americas*, *Crown Family PlayLab*, *Mata Ortiz*, *Eskimo and Inuit Carvings*; Consulting Conservator, *Chocolate*, *Evolving Planet*.

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for elder hostels, German Consulate, and Northwestern University students; *Chicago Public School/Crow Canyon Archaeological Center* program; Consulting Conservator, Mexican Fine Arts Center, Chicago.

Marianne Klaus

Exhibition Development: Installation of *Chocolate* at Fernbank Museum of Natural History, Atlanta, GA, and New York State Museum, Albany, NY.

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for visiting scientists, German Consulate.

Chapurukha M. Kusimba

Exhibit Development: Content Specialist, *Impressions of Tsavo*, *Mythic Beasts*.

Other: "Field School for Budding Archaeologists," Pembroke School District, Hopkins Park, IL; Instruction about *Africa* and African collections for high school teachers.

Debbie Linn

Exhibition Development: Lead Conservator, *Dino Dynasty*, *Sneaky Sea Creature*, *Jungles*, *Maps*; Consulting Conservator, *Gregor Mendel*, *Evolving Planet*.

Education Programs: Field Museum Members' Nights; Workshop leader/assistant to Anthropology and Exhibitions staff.

Public Presentations: KCC Japan Education Exchange, The Field Museum, Chicago.

Other: Lead Conservator, Library Rare Book Room survey; Behind-the-scenes tours for elderhostels, DePaul University, North Central College, Newberry Library conservators, Chicago History Museum

conservators, Getty Museum conservators, Federal Circuit Court staff, and *Chicago Public School/Crow Canyon Archaeological Center* program.

Robert D. Martin

Exhibition Development: Content Specialist, *Evolving Planet*; Content Advisor, *Mendel*.

Education Programs: Field Museum Members' Nights.

Public Presentations: "Evolving Science" lecture series, The Field Museum, Chicago.

Other: Docent and teacher training, *Evolving Planet*; Co-organizer, NASA-supported Global Climate Change Forum, The Field Museum, Chicago.

Maxine McBrinn

Exhibition Development: Content Specialist, *Ancient Americas*, *Crown Family PlayLab*.

Education Programs: "Discover the *Ancient Americas II*" course; Field Museum Ambassador presentation.

Media Development: Exhibit hall tour for potential *Chicago Magazine* spread.

Tours and Field Trips: Tour leader, Cahokia Mounds State Historic District.

Web Projects: Content Advisor, *Ancient Americas* web site.

Other: Reviewer, *Ancient Americas* curriculum; Behind-the-scenes tours for Gift Shop personnel, Women's Board, Board of Trustees of Mexican Fine Arts Museum, and various VIPs.

Laura Neufeld

Education Programs: Field Museum Members' Nights.

Public Presentations: KCC Japan Education Exchange, The Field Museum, Chicago.

Linda M. Nicholas

Education Programs: Digital images for G. Feinman's electronic field trips (China, Mexico).

Public Presentations: Centro INAH Oaxaca, Mexico; Public lecture and exhibition of archaeological pieces, Matatlán, Oaxaca, Mexico

Media Development: Television interview: ABC News-Chicago.

Ruth Norton

Exhibition Development: Conservator, Brooker Gallery; Consulting conservator, *Ancient Americas*.

Other: Behind-the-scenes tours for Institutional Advancement, new Trustees, and visiting VIPs.

Cheryl Podsiki

Exhibition Development: Lead Conservator, *Ancient Americas*, *Gregor Mendel*.

Other: Invited participant, Smithsonian National Museum of the American Indian informal meeting on toxins and community outreach; Presenter, XRF testing, Navajo Nation representatives, The Field Museum, Chicago; Presenter, Lewis Gruber tour group, The Field Museum, Chicago; Behind-the-scenes tours for elder hostels, Northwestern University students, and American Industrial Hygienists Conference, The Field Museum, Chicago; Consulting Conservator, Mexican Fine Arts Center, Chicago, and Swedish American Museum, Chicago;

Helen Robbins

Education Programs: Field Museum Members' Nights.

Media Development: Magazine interview: *Illinois Issues Magazine*.

Public Presentations: Public lecture, *Repatriation*, Hyde Park, IL.

John Edward Terrell

Exhibition Development: Content Specialist, *Nature Unleashed*.

Education Programs: Field Museum Members' Nights.

Public Presentations: Anthropology Special Seminar, The Field Museum, Chicago.

Tours and Field Trips: Tour Leader (with Scott Lidgard, Geology), Field Museum Tours, New Zealand.

Other: Behind-the-scenes tours for Institutional Advancement, visiting specialists, VIPs; Pacific exhibition openings, Dartmouth College and Metropolitan Museum of Art.

Anne P. Underhill

Exhibit Development: Content Advisor, *Tutankhamun and the Golden Age of the Pharaohs*.

Other: Behind-the-scenes tours for Institutional Advancement, new Trustees, visiting VIP's, prospective Northwestern Anthropology graduate students, Wheaton College students.

Alaka Wali

Education Programs: Field Museum Members' Nights.

Public Presentations: Cultural Connections Programs; Lectures, *Community-based asset Mapping and Creative Networks: Mexican Immigrants in Chicago*, CCUC Council; Presenter, The Global Environment Workshop at the Center for International Studies, University of Chicago; Invited lecturer, Bluestem Festival of Arts and Humanities, Skokie, IL.

Web Projects: Content Supervisor, "Mexican Immigrant Assets in Chicago" web site.

Other: Behind-the-scenes tours for Board of Trustees and VIPs.

Patrick Ryan Williams

Exhibition Development: Content Specialist, *Maps*; Content Advisor, *Ancient Americas*.

Education Programs: Field Museum Members' Nights.

DEPARTMENT OF BOTANY**Norbert J. Cordeiro**

Web Projects: Content Specialist, *Tanzania Forest Regeneration* web site.

Other: Contributed photographs to two conservation and public education initiatives (American Museum of Natural History and Conservation International).

Michael O. Dillon

Exhibit Development: Content Advisor, *Ancient Americas*, *George Washington Carver*, *Gregor Mendel*.

Education Programs: Field Museum Members' Nights.

Web Projects: Developer, *Andean Botanical Information System*, *ABIS*, www.sacha.org.

Patrick R. Leacock

Education Programs: Field Museum Members' Nights; Instructor, *Identification of the Gilled Mushrooms*, Morton Arboretum Naturalist Certification Program.

Public Presentations: Informal lectures, Illinois Mycological Association, North Park Village Nature Center, Chicago.

Tours and Field Trips: Chief Mycologist, Gulf States Mycological Society Foray, St. Francisville, LA; field trips, Illinois Mycological Association.

Web Projects: Content and Design Developer, *vPlants.org* web site; Content developer, *North American Mycological Association Voucher Program* web site.

Robert Lücking

Web Projects: *Ticolichen* website, www.fieldmuseum.org/ticolichen; *KE EMu Botany Collections Database (Costa Rican Fungi)*, http://emuweb.fieldmuseum.org/botany/search_crf.php; *KE EMu Botany Collections Database (Tropical Lichen Types)*, http://emuweb.fieldmuseum.org/botany/search_trp.php; *The Foliicolous Lichen Homepage*,

http://www.fieldmuseum.org/research_collections/botany/botany_sites/foliicolous/index.html, *The Thelotrema Website*,

http://www.fieldmuseum.org/research_collections/botany/botany_sites/thelotrema/thelotrema.html.

H. Thorsten Lumbsch

Education Programs: Field Museum behind-the-scenes events.

Gregory M. Mueller

Education Programs: Field Museum Members' Nights; Field Museum behind-the-scenes events.

Public Presentations: Illinois Mycological Association, Chicago, IL.

Media Presentations: Photographer with *Australian Geographic* magazine accompanied us on research visit to Tasmania, Australia.

Other: Field mushroom events in Tasmania and New Zealand.

Christine Niezgoda

Exhibit Development: Content Advisor/specimen selection, *Gregor Mendel*.

Other: Botany Department tours for Olivet Nazarene University, DePaul University, and DeKalb County Master Gardeners.

Richard Ree

Web Projects: Developer, *Biodiversity of the Hengduan Mountains* web site/database.

Other: Behind-the-scenes tours.

Gayle Tonkovich

Education Programs: Field Museum Members' Nights.

Web Projects: Coordinator (vascular plants), *vPlants: A Virtual Herbarium of the Chicago Region* web site; worked with John Pickering of DiscoverLife.org to add a checklist of species for the Chicago Region, and create an upload mechanism for posting photographs in continuing efforts to link vPlants to DiscoverLife.

Matt von Konrat

Education Programs: Presentations, Lincoln Park Conservatory, Chicago Park District, Chicago; various Field Museum Behind-the-Scenes Events; Scientist at the Field Program.

Web Projects: Editor, Liverworts (<http://www.nzpcn.org.nz>), The New Zealand Plant Conservation Network; Editor, Bryophytes, DiscoverLife (www.discoverlife.org/bryophyta); Developer, LIIF: Liverwort Internet Information Facility (www.liverworts.org); Contributor, New Zealand Plants: <http://www.sbs.auckland.ac.nz/info/schools/nzplants/home.htm>; Contributor, <http://www.biology.duke.edu/bryology/LiToL/>

Other: The Annual Fund Behind-the-Scenes Event, Institutional Advancement, The Field Museum.

DEPARTMENT OF GEOLOGY

John R. Bolt

Education Programs: Docent training, *Evolving Planet*.

Exhibit Development: Content advisor for *Evolving Planet*; content advisor for *Tiktaalik*.

Marlene Hill Donnelly

Education Programs: Field Museum Members' Nights.

Public Presentations: Field Museum Friends of Botany event.

Exhibited at Guild of Natural Science Illustrators Annual Show, awarded 1st place for a color piece.

Ian Glasspool

Education Programs: Docent training, *Evolving Planet*.

Exhibit Development: Content Advisor, *Evolving Planet*; Content Advisor/specimen selection, *Crown Family PlayLab*.

Public Presentations: Presentations for Individual Giving; Behind-the-scenes tours.

Media Development: Interviewed by National Geographic, BBC News in relation to the earliest wildfires.

Lance Grande

Exhibit Development: Content Specialist, *Evolving Planet*, *Grainger Hall of Gems*; Content Advisor, *Impressions of Tsavo*, *Mythic Beasts*, *Darwin*.

Education Programs: Field Museum Members' Nights; Docent training, *Evolving Planet*, "Evolution 101" training sessions for *Evolving Planet*.

Public Presentations: Introductory comments at Founders' Council Award of Merit ceremony for Niles Eldredge; Friends of Library presentation on classic books on the topic of evolution; "Know Your Chicago" event.

Other: Numerous behind-the-scenes tours (e.g., Cardinal George, West Point Academy, trustees).

Media Development: Press conference and numerous media interviews for opening of *Evolving Planet*.

Lori Grove

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours.

Eric Hilton

Education Programs: Field Museum Members' Nights; BioBlitz, St. Joseph County Park, South Bend, IN.

Other: Behind-the-scenes tours to visiting scientists and members of the public.

Lenny Kouwenberg

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours.

Scott Lidgard

Museum Tour: Tour Leader (with John Terrell, Anthropology) Field Museum Tours, New Zealand.

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for visiting scientists and others.

Peter J. Makovicky

Exhibition Development: Content Specialist, *Evolving Planet*; Content advisor: *Dinosaurs: Ancient Fossils, New Discoveries*.

Education Programs: Docent training, *Evolving Planet*.

Public Presentations: Earth Science Club of Northern Illinois, DuPage County College; Singapore Science Center, Singapore; Kenosha Public Museums, Kenosha, WI.

Media Development: Interviews with various international media (*Science Times*, *Washington Post*, *Chicago Sun-Times*, *National Geographic on-line*, *Geotimes*) in conjunction with dinosaur related news items throughout the year. Local TV and media interviews in conjunction with opening of *Evolving Planet*.

Other: Presentations for Board of Trustees on ATOL and *Evolving Planet*; multiple tours of *Evolving Planet* for Board of Trustees, Annual Fund members, and numerous donors and VIPs.

Jenny McElwain

Exhibition development: Content Specialist, *Evolving Planet*.

Education programs: Docent training, *Evolving Planet*.

Public presentations: Public lectures in conjunction with *Evolving Planet* and for Friends of Botany.

Other: Tours of *Evolving Planet* and CRC for various donors, foundations, etc.

Clarita Nuñez

Education Programs: Field Museum Members' Nights.

Olivier Rieppel

Exhibit Development: Content Specialist, *Evolving Planet*, *Darwin*, *Sneaky Sea Creature*.

Education Programs: Field Museum Members' Nights; Presentation at Board of Trustees Meeting; Presentation of *Evolving Planet* at the Friends of Geology meeting; Guided tours through *Evolving Planet*; Know Your Chicago.

Media Development: Various media interviews on snake origins; numerous media interviews for opening of *Evolving Planet*.

Akiko Shinya

Exhibition Development: Fossil conservation, molding, and casting advisor for *Evolving Planet* and *Ancient Americas*; Japanese-English translator for *Maps*; Repairing and remounting of juvenile hadrosaur for *Evolving Planet*.

Education Programs: Field Museum Members' Nights; Fossil Prep lab workshops for Field Ambassador program; Field Museum Educator Open House; CPS High School Transformation Project; Teachers Programs; Molding and casting advisor of invertebrate and vertebrate fossils for Harris Educational Loan Center; Dozin' with The Dinos-Family Overnights; Gifted senior level science student program.

Media Development: Cited in an article about fieldwork tools in *Chicago Sun-Times*.

Other: Behind-the-scenes tours of *Evolving Planet*, Vertebrate Fossil Prep lab and collections area for donors, consultants, Annual Fund, Board of Trustees, Institutional Advancement, Human Resources Intern Explore the Field event, Know your Chicago, Chicago Children's Museum, Columbia College, University of Chicago, University of Illinois Chicago, Illinois Institute of Technology, etc; various fossil identifications for museum visitors, over the phones and e-mails.

Constance VanBeek

Education Programs: Field Museum Members' Nights

Other: Behind-the-scenes tours.

Meenakshi Wadhwa

Exhibit Development: Content Advisor, *Evolving Planet*.

Other: Behind-the-scenes tours of meteorite collection and Isotope Geochemistry Laboratory.

Media Development: Cited in articles in *Chicago SunTimes* and *Baltimore Sun*.

Deborah Wagner

Exhibit Development: *Evolving Planet* fossil conservation, molding and casting advisor.

Other: Behind-the-scenes tours.

DEPARTMENT OF ZOOLOGY

John M. Bates

Exhibit Development: Content Specialist, *Impressions of Tsavo*; Content Advisor, *Gregor Mendel*, *Pritzker Lab Exhibit*, *Crown Family PlayLab*; Photograph Contributor, *Evolving Planet*.

Education Programs: Field Museum Members' Nights.

Public Presentations: "Know Your Chicago" event.

Media Development: Newspaper Interviews, *Chicago Sun Times* (2); Magazine Interview, *New Scientist*; Radio Interviews, Chicago Public Radio (2).

Web projects: Content Specialist, *Collaborations in Congo* web site; Content Specialist, *African Biodiversity Training Program* web site.

Other: Various behind-the-scenes collection tours; Various presentations about the Department of Zoology and the Bird Division.

Rüdiger Bieler

Exhibit Development: Content Specialist, *Pearls* (now traveling); German Language Translator and Consultant, *Gregor Mendel*.

Public Presentations: Various lectures on molluscan diversity.

Media Development: Use of field and laboratory photographs in various exhibition and textbook projects.

Web Projects: Developer, *PEET* web site; Developer, *Malacological Journals & Newsletters* web site.

Other: Behind-the-scenes tours for visiting VIPs, etc.

James H. Boone

Exhibit Development: Content Advisor, *Evolving Planet*, *Impressions of Tsavo*.

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours and presentations for Institutional Advancement, Fall Annual Fund event, donors, new employees, students, etc.

Carl W. Dick

Public Presentations: Field Museum, Regular Seminar Series.

Jochen Gerber

Education Programs: Field Museum Members' Nights.

Other: Various behind-the-scenes collections tours.

Thomas Gnoske

Exhibit Development: Content Specialist, *Impressions of Tsavo*.

Education Programs: Field Museum Members' Nights.

Media Development: Television interviews: *Chicago Tonight/Chicago Stories* (WTTW-11).

Other: Various behind-the-scenes collections tours.

Steven M. Goodman

Media Development: Newspaper interviews: *Chicago Tribune*, *Chicago Sun Times*; Radio interviews, *National Public Radio*, *Radio France International*, several Malagasy radio stations; Television interviews, *Malagasy Broadcasting Company*, *France 5*.

Shannon J. Hackett

Exhibit Development: Content Specialist, *Gregor Mendel*, *Pritzker Lab Exhibit*.

Education Programs: Field Museum Members' Nights; Harris Education Loan boxes on evolution; NIH collaboration with University of Chicago to create evolution and genomics programs.

Public Presentations: Oakton Elementary School.

Media Development: Newspaper interviews: *Chicago Tribune*, *Chicago Sun Times*, *Daily Southtown News*.

Web Projects: Content Specialist, *Pritzker Lab* web site; Content Specialist, *Early Bird Tree of Life* web site.

Other: Behind-the-scenes tours for various groups.

Lawrence R. Heaney

Exhibit Development: Content Specialist, *Crown Family PlayLab*.

Education Programs: Field Museum Members' Nights; Lecturer, "Bats!," Dawes Elementary School, Evanston Ecology Center; Guest Lecturer, "Systematics," University of Chicago.

Media Development: Press release on new fossil dwarf water buffalo from Cebu Island, Philippines; Quoted in articles MacArthur Award to Steven Goodman, *Chicago Tribune* and *Sun Times*; Invited articles, "Haring Ibon."

Other: Behind-the-scenes tours for Institutional Advancement, President's Office, Field Museum Trustees, Women's Board, Annul Fund donors; Lecturer, Founder's Council Dinner, Annual Meeting.

Mary Hennen

Education Programs: Field Museum Members' Nights.

Public Presentations: Lake County Sierra Club; Bell Elementary School; Chicago Park District; Avicultural Society of Chicago; Illinois Environmental Protection Agency.

Media Development: Television interviews, *Chicago Tonight*, *Backyard Habitat* (Animal Planet), *WLS- 7*, *WTTW-11*; Newspaper interview, *Chicago Tribune*, *Evanston RoundTable*.

Janeen Jones

Education Programs: Field Museum Members' Nights.

James B. Ladonski

Education Programs: Field Museum Members' Night; Calumet Stewardship Day, John G. Shedd Aquarium (Club Shedd Program); Northwest Indiana Earth Day.

Public Presentations: Kalamazoo Nature Center.

Other: Behind-the-scenes collection tours for college classes, etc.; Science Advisor, Gar Anglers' Sporting Society.

Alfred F. Newton

Education Programs: Field Museum Members' Nights.

Web Projects: Database developer, *NSF-PEET: Austral Staphylinidae* web site.

Bruce D. Patterson

Exhibit Development: Content Specialist, *Impressions of Tsavo*.

Education Programs: Field Museum Members' Nights.

Public Presentations: Public Lecture on *Impressions of Tsavo* exhibit.

Media Development: Radio interview, Peoria, IL.

Tours and Field Trips: Tour Leader, "Remote Tanzania" (4 parks on Southern Circuit).

Web Projects: Personal Field Museum web site; *Lions of Tsavo* web site (Earthwatch); *Biogeography* web site, University of Chicago 'Chalk.'

Other: Presenter, Institutional Advancement, Council on Science, visiting VIPs, Earthwatch, etc.

Julian C Kerbis Peterhans

Exhibit Development: Content Specialist, *Impressions of Tsavo*.

Education Programs: Host and Discussant, Victory Gardens Theatre, Humanities Night: *The Cradle of Man*.

Mary Beth Prondzinski

Education Programs: Various teacher-oriented programs using Museum nature exhibits; Field Museum Members' Nights.

Public Presentations: Chicago Park District, Northerly Island Mammals; FMNH Scientist in the Field: "Underground Mammals"; Presentation on recording field notes to Calumet high school students, Rainbow Beach.

Other: Behind-the-Scenes tours of CRC/Prep Lab/Mammals Division.

Martin D. Prydzia

Education Programs: Field Museum Members' Nights.

Alan Resetar

Exhibit Development: Content Advisor, *Evolving Planet*, *Tiktaalik*, *Hall of Reptiles*, *Crown Family PlayLab*.

Education Programs: Field Museum Members' Nights; Chicago Wilderness frog call monitoring workshop.

Public Presentations: Calumet Research Summit Brownbag Lunch; Duneland Chapter, Izaak Walton League; Kankakee Valley Historical Society; Northwest Indiana Earth Day event; Wolf Lake Initiative's 6th Annual Wolf Lake Bi-State Wetlands, Wind and Water Festival; Paul C. Zona, Sr. Wildlife Sanctuary opening ceremony; St. Joseph County Parks, IN, BioBlitz.

Tours and Field Trips: Field Museum Committee on Science Tour, Indiana Dunes; MacArthur Foundation International Team Field Trip, Calumet.

Mary Anne Rogers

Education Programs: Field Museum Members' Nights.

Tours and Field Trips: Tour leader (with Bill Stanley), Tanzania Safari: The Great Migration.

William T. Stanley

Education Programs: Presentation, Women's Board Field Dreams program; Field Museum Members' Nights.

Media Development: Television Interviews: *Chicago Stories/Chicago Tonight* (WTTW-11), *Daily Planet*, *Discovery Canada TV*; Newspaper interviews: *Chicago Tribune*, *Chicago Sun-Times*, *Reuters*, *AP*, *BBC News*, *Milwaukee Journal-Sentine*, *Estado de S. Paulo*; Radio interview, *Eight Forty-Eight* (WBEZ); Magazine interviews: *Discovery*, *Swara*.

Tours and Field Trips: Tour leader (with Mary Anne Rogers), Tanzania Safari: The Great Migration; Collection Accreditation tour of the Eastern Illinois University; Adventurer's Club, Chicago.

Web Projects: Developer, *Tanzanian Mammal Key*.

Other: Behind-the-scenes tours for Institutional Advancement, new Trustees, visiting VIPs, etc.

Daniel Summers

Exhibit Development: Content Advisor, *Ancient Americas*, *Gregor Mendel*, *Evolving Planet*, *Crown Family PlayLab*.

Education Programs: Presentation, Scientist on the Floor; Field Museum Members' Nights.

Media Development: Newspaper interview, *Chicago Tribune*, *Chicago Sun-Times*.
Other: Behind-the-scenes show for Institutional Advancement, Donors, etc.

Kevin Swagel

Exhibit Development: Content Advisor, *Evolving Planet*.
Education Programs: Field Museum Members' Nights.
Other: Behind-the-scenes tours for a variety of groups and individuals.

Margaret K. Thayer

Education Programs: Field Museum Members' Nights.
Web Projects: Main Developer, *NSF-PEET: Austral Staphylinidae* web site; Lead Reviser, Division of Insects Collections and Research web site.
Other: *Evolving Planet* opening; Women's Board Field Dreams event; Various behind-the-scenes tours; Research Presentation, Field Museum Board of Trustees.

Janet R. Voight

Exhibit Development: Member, Academic Affairs/Exhibitions and Education Liaison Committee; Content Advisor, *Evolving Planet*; Content Advisor, *What is an Animal?* model repair; Reviewer, various traveling exhibitions.
Education Programs: Field Museum Members' Nights; Docent Training, *Evolving Planet*.
Other: Presentation, Committee on Science of the Board of; Behind-the-scenes tours for visiting VIPs.

Harold K. Voris

Education Programs: Field Museum Members' Nights.
Tours and Field Trips: Behind-the-scenes tours.

Stephanie Ware

Public Presentations: Illinois Environmental Protection Agency.
Web Projects: Developer, *African Tropical Biodiversity Project* web site.

Jason D. Weckstein

Education Programs: Docent Training, *Mendel*.
Media Development: Radio Interview, *WBEZ*.
Other: Various preparation room presentations about birds and their ectoparasites; Behind-the-scenes tour of 3rd Floor and Pritzker Lab for New Trustee Orientation.

Mark W. Westneat

Education Programs: Field Museum Members' Nights; Lecturer, *Evolving Planet*.
Web Projects: Research web site; Software development.
Media Development: Newspaper articles: *Chicago Tribune*, *Chicago Sun-Times* (front page), *New York Times*, *Discover Magazine*, *Time Magazine for Kids*, *Seattle Times*, and newspapers in major cities around the world (London, Paris, Copenhagen, Sydney, Glasgow and many others).
Other: Behind-the-scenes tours for Institutional Advancement, prospective donors, Collections and Research Board members, visiting classes.

David Willard

Education Programs: Museum Campus Birdwalk; High School Transformation Project.
Public Presentations: Field Museum Members' Nights; Evanston North Shore Bird Club; Lake County Audubon Society; Aulwood Audubon Society.
Tours and Field Trips: *Field at the Farm*; Florida Development trip.
Other: Numerous behind-the-scenes tours.

Philip W. Willink

Exhibit Development: Advisor and Specimen Coordinator, *Crown Family PlayLab*.
Education Programs: Field Museum Behind-The-Scenes.

Media Development: Television interview, *News in Cobija, Bolivia*; Newspaper interview, *Chicago Sun-Times*; Magazine interviews: *Freshwater and Marine Aquarium*, *Tropical Fish Hobbyist*, *Buntbarsche Bulletin*, *The Calvin Spark*, *Chicago Wilderness Magazine*.
Other: Numerous behind-the-scenes tours.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

Exhibition Development: Content Specialist, *Gregor Mendel, Pritzker Lab Exhibit*.

Education Programs: Field Museum Members' Nights.

Media Development: Interviews, WBEZ, *Chicago Tribune*, and *Chicago Sun-Times*.

Other: Tours of Pritzker Lab for visiting scientists, VIPs, classes, etc.

HIGHER EDUCATION, 2006

(College/University Teaching, Graduate Advising, Internships, etc.)

DEPARTMENT OF ANTHROPOLOGY

Bennet Bronson

Graduate Students Advised: Nam C. Kim, University of Illinois at Chicago.

Other: DePaul University Chinatown Excavation Project.

Winifred Creamer

Graduate Students Advised: Samantha Delong, Sarah Gatz, Ed Jakaitis, Khris Landry, Lilly Malekfar, Alvaro Ruiz, Allen Rutherford, Northern Illinois University.

Courses: "Archaeology of South America," "Rise of Civilization," "Archaeological Method and Theory," "Archaeology of the Southwest," Northern Illinois University.

L. Antonio Curet

Graduate Students Advised: Christopher Davis, Jason Laffoon, William Pestle, University of Illinois at Chicago.

Undergraduate Interns: Hayris Gutierrez, University of Puerto Rico; Blair Daverman, Colorado College.

Courses: "Special Topics in Anthropology: Settlement Patterns," University of Illinois at Chicago.

Scott J. Demel

Invited/guest lectures: Olivet Nazarene and Kankakee Community College.

Gary M. Feinman

Undergraduate Interns: Elizabeth Miller, Iowa State University; Christina Pak, University of Massachusetts-Amherst.

Other: Member, Department of Anthropology Graduate Studies Committee, University of Illinois at Chicago.

Jonathan Haas

Graduate Students Advised: Sofia Chacaltana, Rebecca Osborn, Ken Batai, Ruth Gomberg, University of Illinois at Chicago; Margaret Enrile, University of Illinois at Urbana; Nathan Craig, University of California Santa Barbara; Keith Carlson, University of Arizona; Lori Jahnke, Tulane University; Alvaro Ruiz, Northern Illinois University; Gerbert Ascencios, Jesus Holguin, Carmela Alarcon, San Marcos University, Lima, Peru; Miguel Aguilar, Universidad Ricardo Palma, Lima, Peru.

Chapuruka M. Kusimba

Graduate Students Advised: Rahul Oka, University of Illinois at Chicago; Cyril Wilson, University of Illinois at Chicago; Melanie Zacher, University of Illinois at Chicago; Paul Wahi, Northwestern University; Pavel Onderka, Charles University, Czech Republic; Amelia Hubbard, Ohio State University.

Robert D. Martin

Undergraduate Interns: Julie Delamare-Deboutville, University of Paris; Elizabeth Schaeffer, University of Chicago.

Courses: "Primate Evolution," University of Chicago.

Invited/guest lectures: Guest lecturer for physical science course, Department of Geophysical Sciences, University of Chicago; Guest lecturer for management course, National-Louis University, Chicago.

Other: Graduate student selection committee for Committee on Evolutionary Biology, University of Chicago.

Linda M. Nicholas

Undergraduate Interns: Elizabeth Miller, Iowa State University; Christina Pak, University of Massachusetts-Amherst.

Ruth Norton

Graduate Students Advised: Elizabeth Homberger, Chris Watters, Buffalo State College, NY.

Courses: "Conservation of Ethnographic Materials," Art Conservation Department, Buffalo State College, NY.

Anne P. Underhill

Graduate Students Advised: Geoffrey Cunnar, Yale University; Charles Hartley, University of Chicago; Lin Hu, University of Chicago; Adam Schwartz, University of Chicago; Nam Kim, University of Illinois at Chicago; Lisa Niziolek, University of Illinois at Chicago; Debra Green, University of Illinois at Chicago; Rheta Lanehart, University of South Florida.

Undergraduate Interns: Craig Hadley, Beloit College; Pendry Haines, University of Chicago.

Other: Supervisor, Boone collection book project, Wei Cheng-lin, Mika Endo, Sarah Allen, all University of Chicago.

Alaka Wali

Graduate Students Advised: Ruth Gomberg, University of Illinois at Chicago.

Undergraduate Interns: Brenda Nemetz, Ripon College; Rebecca Puckett, University of Memphis.

Invited/Guest lectures: Lecture for DePaul University.

Patrick Ryan Williams

Graduate Students Advised: Sofia Chacaltana, Mark Golitko, Jason Laffoon, Russell Quick, Nicola Sharratt, University of Illinois at Chicago; Robin Coleman, Northwestern University; Kirk Costion, University of Pittsburgh; Chris Dayton, Ben Vining, Boston University; Kenneth Sims, University of Michigan.

Courses: "Archaeological Methods Lab: Archaeometry," Northwestern University; "Research Projects," University of Illinois at Chicago.

DEPARTMENT OF BOTANY**Norbert J. Cordeiro**

Graduate Students Advised: Valérie Lehouck, University of Ghent, Belgium.

Undergraduate interns: Ji Hye Baek, University of Illinois at Chicago; Dominique Azarcon; University of Illinois at Chicago.

Trainees: Ellasy Mujillah, Forestry and Beekeeping, Ministry of Natural Resources and Tourism, Dar es Salaam, Tanzania.

Sabine M. Huhndorf

Postdoctoral Associates: Matthew Greif.

Graduate Students Advised: George Mugambi, University of Illinois at Chicago; Lymari Ruiz-Sanchez, University of Illinois at Chicago.

Patrick R. Leacock

Undergraduate Interns: Andrew Bishop, Ohio University; Wyatt Gaswick, University of Illinois at Chicago; Gregory Kaufman, University of Chicago; Katherine Lauer, University of Chicago.

Visiting Students: Gandhi Ponce, University of San Carlos of Guatemala.

Invited/guest lectures: Guest Lecturer, Field Museum Mycology class, graduate level, University of Chicago and University of Illinois at Chicago.

Robert Lücking

Graduate Students Advised: Rosa-Emilia Pérez-Pérez, Universidad Autónoma del Estado de Morelos, Mexico; Alejandrina Bárcenas Peña, Universidad Nacional Autónoma de México; Paola Martínez Colín, Universidad Nacional Autónoma de México; Daniela Lizano, Universidad de Costa Rica; Gavriele Murillo, Universidad Nacional, Costa Rica; Jesús Hernandez, Universidad Central de Venezuela; Eimy Rivas Plata, Universidad Nacional de Ingeniería, Peru and University of Illinois at Chicago; Marcela Cáceres, University of Bayreuth, Germany & Universidade Federal de Pernambuco, Brazil.

Courses: Mycology, graduate level, University of Chicago and University of Illinois at Chicago;
Multivariate Analysis of Ecological Communities, graduate level, Universidad Peruana Cayetano Heredia, Lima, Peru.

H. Thorsten Lumbsch

Postdoctoral Scientist: Imke Schmitt.

Graduate Students Advised: Armin Mangold, Universität Duisburg-Essen; Eimy Rivas Plata, University of Illinois at Chicago; Nora Wirtz, Universität Duisburg-Essen.

Undergraduate Interns: James Lendemer, Academy of Sciences, Philadelphia, PA.

Gregory M. Mueller

Postdoctoral Scientists: Patrick Leacock, Peter Avis, Kentaro Hosaka.

Graduate Students Advised: Primary Advisor: Kelly Gravier, University of Chicago; Matthew Keirle, University of Chicago; Sara Branco, University of Chicago; Member of Committee: Michael Fitzsimons, University of Chicago; George Mugambi, University of Illinois Chicago; Lymari Ruiz, University of Illinois Chicago; Yi Cui, University of Michigan; Fuqian Yu, Institute of Botany, Kunming, China.

Visiting Scientist: Dr. Ayman Daba, Egypt, Fulbright Scholar.

Courses: "Evolutionary, Environmental, and Conservation Biology," course for GAANN Graduate Fellows, UofC; Co-organizer of "Biodiversity of Fungi," UIC-U of C graduate level course; "Grants Writing," 1st year graduate students in the Darwinian Cluster, University of Chicago; "NSF Fellowship Application" 1st year graduate students in Biological Sciences, University of Chicago.

Seminars, symposia, etc.: University of Goroka, Goroka, Papua New Guinea; Royal Botanic Garden, Melbourne, Australia; Botanical Institute, Chinese Academy of Science, Kunming, China.

Rick Ree

Postdoctoral Scientists: Norbert Cordiero, Ji-Pei Yue.

Graduate Students Advised: Jacqueline Van De Veire, University of Illinois at Chicago; Sara Branco, University of Chicago (committee member); Diane McCarthy, University of Illinois at Chicago (committee member); Michael Jorgenson, University of Illinois at Chicago (committee member)

Trainees: Ensar Sever, DePaul University.

DEPARTMENT OF GEOLOGY

John R. Bolt

Postdoctoral Scientist: Marcello Ruta.

Graduate Student Advised: Daniel Snyder, University of Iowa.

Marlene Hill Donnelly

Courses: Field Museum: Botanical Illustration; Morton Arboretum: Scientific Botanical Illustration (certificate course), Landscape Painting, Field Sketching, White and Black Stippling; Chicago Botanic Garden: Botanical Painting and Illustration; Field Sketching. North Shore Art League: Watercolor.

Lance Grande

Postdoctoral Scientist: Eric Hilton.

Courses: "Stones and Bones" (undergraduate level), University of Chicago.

Eric Hilton

Graduate Student Committee: Amanda Fabiano (Loyola University, Chicago).

Scott Lidgard

Graduate Students Advised: Lee Hsiang Liow (Ph.D. 2006), Committee on Evolutionary Biology, University of Chicago.

Graduate Student Committees: Paul Harnik, Rebecca Rowe, Surangi Punyasena, all Committee on Evolutionary Biology, University of Chicago; Erin Grey, Dept. of Ecology and Evolution, University of Chicago.

Peter J. Makovicky

Postdoctoral Scientist: Karin Peyer.

Graduate Students Advised: Rudyard Sadleir, Nate Smith, Brandon Kilbourne, all Committee on Evolutionary Biology, University of Chicago.

Undergraduate Student Advised: Sara Burch, Biological Science, University of Chicago.

Jenny McElwain

Postdoctoral Scientist: Lenny Kouwenberg.

Graduate Students Advised: Surangi Punyasena, University of Chicago; Richard Barclay, Northwestern University.

Undergraduate Students Advised: Shannon Loomis, University of Chicago.

Olivier Rieppel

Graduate Students Advised: Li Chun, Institute of Vertebrate Paleontology and Paleoanthropology, Beijing; Annat Haber, University of Chicago; Liu Jun, Columbia University.

Courses: “Evolutionary Biology of Reptiles” (undergraduate), Northwestern University.

Akiko Shinya

Teaching Assistant: “Stones and Bones” University of Chicago Summer Session.

William F. Simpson

Exhibition Development: Specimen selection, conservation and mounting supervision for *Evolving Planet*, *Ancient Americas*, and the *Crown Family PlayLab*.

Education Programs: Field Museum Members' Nights, tour and lecture for National-Louis University

Media Development: Guide for media event: Evolving Planet Opening, specimen facilitator for National Geographic interview of Neil Shubin

Other: Numerous tours of Evolving Planet, Vertebrate Fossil Prep labs and collection ranges, including the CRC, for donors, Annual Fund, Board of Trustees, Institutional Advancement, Human Resources; Fossil identifications for Museum visitors, by phones and e-mail; Consultant on mammoth tusk for Institutional Advancement.

Peter J. Wagner

Graduate Students, Dissertation Committees: John Finarelli (Chair), Annat Haber (Co-Chair); Matthew Friedmann, Bjarte Hannisdal, Paul Harnik, Melanie Hopkins, Christian Kammerer, Kim Koverman, Lee Hsiang Liow, Carl Simpson, all University of Chicago.

Courses: “Quantitative Phylogenetics” section, Paleobiology Database Analytical Paleontology shortcourse, National Center for Ecological Analysis and Synthesis, Santa Barbara, CA.

DEPARTMENT OF ZOOLOGY**John M. Bates**

Postdoctoral Scientists: Steffen Pauls, Jason Weckstein.

Graduate Students Advised: Esther Quintero, American Museum of Natural History; Anchalee Aowphol, Chulalongkorn University, Thailand; Michael Huhndorf, Illinois State University, Normal; Mathias Behangana, Makerere University, Uganda; Eduardo Portes, Universidade Federal do Pará; Keith Barnes, Terence Suinyuy, University of Cape Town, South Africa; Dan Davison, Emma Gregg, Lucinda Lawson, Sarah Weyandt, University of Chicago; Luca Borghesio, Isabel Caballero, University of Illinois at Chicago; Marcos Maldonado, University of Missouri, St. Louis.

Undergraduate Interns: Chelsea Bueter, Lake Forest College.

Courses: “Population genetics and systematics” reading group, The Field Museum; Independent reading course, University of Chicago.

Rüdiger Bieler

Postdoctoral Scientist: John Healy, University of Queensland.

Graduate Students Advised: Ilya Tëmkin, New York University; Isabella Kappner, John Wilk, University of Illinois at Chicago; Nicholas Johnson, University of Chicago; Rebecca Rundell, University of Chicago, Committee on Evolutionary Biology.

James H. Boone

Undergraduate Interns: Anna Goldman, College of the Atlantic.

Carl W. Dick

Graduate Students Advised: Juan Sebastian Tello, Louisiana State University; Luiz Felipe Alves da Cunha Carvalho, Universidade Federal do Mato Grosso do Sul, Brasil.

Undergraduate Interns: Gabriella Chiono, Loyola University of Chicago.

High School Interns: Michael Barber, Charles Muller, Elizabeth Muller, Cassie Pontone, Oak Park-River Forest High School.

Steven M. Goodman

Graduate Students Advised: Patricia Maminirina, Martin Raheriarisena, Marie Jeanne Raherilalao, Zafimahery Rakotomalala, Hery Rakotondravony, Julie Ranivo, Fanja Ratrimomanarivo, Voahangy Soarimalala, 6 DEA ("diploma of advanced studies") students, Université d'Antananarivo; 6 Masters students, University of Kwa-Zulu Natal; Karen Sammonds, University of New York at Stony Brook; Kathleen Muldoon, Washington University; Jean Eric Rakotoarisoa, Yale University.

Courses: "Biogéographie des Lemuriens de Madagascar" and "Mammifères de Madagascar – origine et phylogénie," Université de Mahajanga.

Shannon J. Hackett

Postdoctoral Scientist: Sushma Reddy.

Graduate Students Advised: Zac Cheviron, Louisiana State University; Dan Davison, Matt Keirle, Lucinda Lawson, Nitzan Mekel, Rebecca Rundell, Brian Sidlauskas, University of Chicago; Melissa Burns, University of Illinois at Chicago; Daniel Cadena, University of Missouri, St. Louis.

Undergraduate Interns: Sarah Hunter Smith, Swarthmore College.

High School Interns: Zoe Burns, Lane Tech High School.

Courses: "Population genetics and systematics" reading group, The Field Museum; "Grants and Publications," University of Chicago.

Invited/guest lectures: Lecture, "Doctoral Dissertation Improvement Grants," (Graduate) University of Chicago; Guest Lecturer for genomics class, University of Chicago.

Lawrence R. Heaney

Graduate Students Advised: Joshua Miller (committee member), Rebecca Rowe (chair), Rebecca Terry (committee member), Sarah Weyandt (co-chair), University of Chicago.

Visiting Scholars Advised: Danilo S. Balete (3 months), Liza Duya (5 weeks), Mariano Duya (2 weeks), Philippines; Howie Huynh (10 weeks), University of Toronto.

Trainees: One graduate student from the University of the Philippines, two wildlife biologists from the Department of Environment and Natural Resources Philippines (training conducted at Mt. Data National Park, Luzon, Philippines); two biologists from Conservation International-Philippines (training conducted at The Field Museum).

Invited/guest lectures: Biogeography lecture for "Systematics," University of Chicago.

Courses: "Biogeography," University of Chicago.

Maureen Kearney

Postdoctoral Scientist: Takanobu Tsuijihi.

Graduate Students Advised: Paul Velazco, University of Illinois at Chicago; Adam Franssen, Rebecca Shearman, Tristan Stayton, University of Chicago.

Undergraduate Interns: Beth Bastiaans, University of Chicago.

Research Assistants: Sara Burch, Angela Marion.

James B. Ladonski

Courses: "Anatomy and Physiology," Ivy Tech Community College.

Alfred F. Newton

Postdoctoral Scientists: Mariana R. Chani-Posse, Stelios Chatzimanolis, Munetoshi Maruyama, Alexey Solodovnikov.

Graduate Students Advised: Edilson Caron, Universidade Federal do Paraná, Brazil; David J. Clarke, University of Illinois at Chicago.

Bruce D. Patterson

Postdoctoral Scientist: Carl W. Dick.

Graduate Students Advised: Paul Webala, KWS Training Institute, Naivasha, Kenya; Corrie Schoemann, University of Cape Town, South Africa; Mohammad Abu Baker, Malu Jorge, Paul Velazco, University of Illinois at Chicago.

Trainees: Alex Mwazo Gombe, Mark Kinyua, Taita, Kenya.

Invited/guest lectures: Smith College.

Julian C Kerbis Peterhans

Graduate Students Advised: Michael Huhndorf, Illinois State University, Normal.

Courses: "Seminar in Natural Science", (Undergraduate) and "Methods in Critical Thinking," (Undergraduate), Roosevelt University, Chicago.

Alan Resetar

Graduate Student Advised: Brian Oliver, Dominican University.

William T. Stanley

Undergraduate Interns: Alexandra Cruz, Kimberly Knudten, Sara Delashmutt, all Northeastern Illinois University.

Margaret K. Thayer

Postdoctoral Scientists: Mariana R. Chani-Posse, Stelios Chatzimanolis, Norbert J. Cordeiro, Munetoshi Maruyama, Alexey Solodovnikov.

Graduate Students Advised: David J. Clarke, Wyatt Gaswick, University of Illinois at Chicago.

Undergraduate Interns: Anna Goldman, College of the Atlantic (co-sponsor with J. H. Boone); Michael Zubik, Dominican University; José-Cristián Martínez, University of Illinois at Chicago.

Other: Developer, Arthropod Sorting Guides (for Field Museum staff and interns).

Janet R. Voight

Postdoctoral Scientist: Kim Larsen.

Undergraduate Interns: Eleanor Powell, Smith College.

Invited/guest lectures: "Evolution and Organismal Biology," Department of Ecology, Iowa State University.

Harold K. Voris

Graduate Students Advised: Anchalee Aowphol, Ratchata Phochayavanich, Chattapat Pongchareon, Chulalongkorn University, Thailand; Jennifer Sheridan, University of California San Diego; Bryan Stuart, University of Illinois at Chicago.

Undergraduate Interns: Bobak Kechavarzi, Megan Rinehart, Hanover College.

Other: Certificate of Recognition, Faculty of Science, Chulalongkorn University, Thailand.

Jason D. Weckstein

Undergraduate Interns: Kam Sripada, Brown University; Chelsea Bueter, Lake Forest College.

Trainees: Carlos Eduardo Portes, University of Pará and Museu Paraense Emílio Goeldi; José Salvatoré Leister Patané, University of São Paulo, Brazil.

Mark W. Westneat

Postdoctoral Scientists: Justin Grubich, Jake Socha.

Graduate Students Advised: Scott Bradley, DePaul University; Janelle Morano, Loyola University; Phil Anderson, Jim Cooper, Christian Kammerer, Aaron Rice, Tristan Stayton, Brian Sidlauskas, Dean Thorsen, University of Chicago; Jennifer Fessler, University of Illinois at Chicago.

Undergraduate Interns: Annie Burke, Northwestern University; Jay Bauman, Alta Buden, James Waters, University of Chicago.

Courses: "Comparative Anatomy of the Vertebrates," (Undergraduate/Graduate), University of Chicago.

Invited/guest lectures: "Research at the Field Museum," University of Chicago.

David Willard

Invited/guest lectures: Art Institute of Chicago (2); North Park University; National Lewis University; University of Texas; College of Lake County; Monmouth College.

Philip W. Willink

Graduate Students Advised: Victor Hugo Garcia Cabrera, Universidad Amazonica de Pando, Cobija, Bolivia.

Other: Peces de Pando project with Victor Hugo Garcia Cabrera, Universidad Amazonica de Pando, Cobija, Bolivia and Hailin Calderon Vaca, Universidad Amazonica de Pando, Cobija, Bolivia.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

Graduate Students Advised: Anchalee Aowphol, Chulalongkorn University, Bangkok, Thailand

Trainees: Pete Avis (Botany); Norbert Cordeiro (Botany/Insects); Steffen Pauls (Insects); Karin Kettenring, Morton Arboretum; James Lendemer, Academy of Natural Sciences, Philadelphia, PA; Michael Zubik, Dominican University, River Forest, IL; Sarah Hunter-Smith, Swarthmore College, Swarthmore, PA.

Undergraduate Interns: Bobak Kecharvarsi, Megan Rinehart, both Hanover College, Hanover, IN; Julie Collens, University of Chicago; Mohammad Abu Baker, Michael Jorgensen, University of Illinois at Chicago; Tracey Jones, University of Waikato, Hamilton, New Zealand.

TRAINING PROGRAMS, 2006

Members of The Field Museum's scientific staff contribute to a wide spectrum of formal and hands-on training in collections-based research for high school, undergraduate and graduate students, and young professionals. Building on the Museum's core subject matter in evolutionary and environmental biology and anthropology/archaeology, these programs meet a variety of needs—from encouraging young students to consider careers in the sciences, to training young scientists from other countries in research techniques that enable them tackle environmental conservation issues at home. From suburban high school interns to NGO scientists, from Chicago neighborhoods to the tropics, Field Museum scientists lend their expertise to train future generations of biologists and anthropologists. The following is an overview of the diverse array of training programs to which Field Museum scientists contribute.

UNDERGRADUATE INTERNSHIPS

Field Museum Scholarship Committee Internships. Each year The Field Museum supports three-month internships for undergraduate students and recent graduates to work directly with scientists at the Museum on collections-based research projects. For summer 2006, six students worked on projects in Anthropology (studying the impact of Christianity on the peoples of Western Kenya), Botany (working on a revision of the *Usnea strigosa* group based on molecular and morphological data; gaining experience in the taxonomy and systematics of Hymenomycetes, and learning the management of a fungi herbarium), and Zoology (learning to systematically organize and label a collection [carabid beetles], and improving identification skills; video recording feeding events of a coral reef fish species to analyze skull function and compare skull anatomies; investigating the systematics of the yellow-faced horseshoe bats species complex). The students hailed from the University of Illinois at Chicago, College of the Atlantic (Bar Harbor, ME), University of Wisconsin at Madison, University of Toronto, University of Pennsylvania (Philadelphia, PA), and the Universidad de San Carlos de Guatemala.

Prince Internship. This program, funded by the Prince Charitable Trust, provides support for visiting scientists as well as women and minority interns at the secondary and college levels. There were three Prince interns in 2006: Celine Vaaler (Lawrence University) in CCUC created a comprehensive database of resources related to the Lake Park Crescent project, compiling information through fieldwork in the North Kenwood-Oakland neighborhood, interviews with relevant experts, and research on government documents. Katherine Lauer (University of Chicago) worked in the Botany Department, assisting with mycology research through field work, specimen processing, database entry, and other herbarium assistance. Shannon Loomis (Northwestern University) gathered and analyzed images of fossil leaf cuticles to measure "stomatal index," a tool used to estimate CO₂ levels in the fossil record.

Boone Scholars Internships for East Asian Studies. Supported by a bequest from the late Commander Gilbert E. Boone and his wife Katharine Phelps Boone, the Boone Scholars Internships for East Asian Studies allow highly qualified undergraduates the opportunity to study at The Field Museum and research Anthropology collections from Japan, Korea, China, and elsewhere in the eastern part of Asia. Boone Scholars engage in a wide variety of tasks, ranging from individual research to assisting collections management teams in maintaining the collection. There were two Boone interns for 2006 under the supervision of Anne Underhill and Ben Bronson. Pendry Haines (University of Chicago) conducted research on prints and stencils from historic Japan, and Craig Hadley (Beloit College) assisted in preparations for the re-publication of a *Feldiana* issue from 1923 (Vol. 16) about the Japanese tsuba (sword hand guards) in the Frank W. Gunsaulus collection of sword decoration.

Anthropology Alliance Interns. This six-year old program, initiated by the "Anthropology Alliance," the Anthropology Department's auxiliary "friends" group, supports undergraduate involvement in anthropology research, including direct salary for Museum-based undergraduate collection management interns, and travel expenses for interns assisting in archaeological or ethnographic field work. In 2006 three Anthropology Alliance interns worked on the Department's vast collections, and two assisted with fieldwork. Lisa Nosek of the University of Illinois at Chicago worked on the Captain Fuller Sonaband

recordings, and photographed Paiute and Cree ethnographic objects; Josh Rubin of the University of Michigan inventoried and rehoused Guam and Australian archaeological specimens and inventoried Hopewell flint discs; Nick Wisseman of Northwestern University took photographs and conducted research for the Donnelly Foundation World Columbian Exposition Project; all three interns also lent a hand with the move of North American and Pacific collections to the new Collections Resource Center. Nicola Sharrott (University of Illinois at Chicago) conducted archaeological fieldwork with Ryan Williams excavating an ancient cemetery in Tiwanaku, and Hayris Gutierrez (University of Puerto Rico) worked with Antonio Curet on excavating a geophysical anomaly at the entrance to a ball court at the civic-ceremonial center of Tibes.

GRADUATE PROGRAMS

University of Chicago—Committee on Evolutionary Biology (CEB). This doctoral-degree granting program within the division of Biological Sciences at the University of Chicago is a collaboration among the University, The Field Museum, Brookfield Zoo, Lincoln Park Zoo, and Argonne National Laboratory. Its faculty has been training doctoral students for research and teaching careers in evolutionary biology since 1968. Twenty Field Museum scientists are actively involved in the CEB graduate training program, comprising nearly a third of its faculty and supervising more than half of the program's Ph.D. candidates. Currently, 18 of CEB's 27 students are conducting Field Museum-based projects. In 2006 CEB was awarded a highly competitive grant from the Department of Education to enhance the training of graduate students at the interface of evolutionary biology and conservation science. Curator Greg Mueller (Botany), Associate Chair of the CEB since 2004, is the Project Director of the program, which builds upon the strong interactions of the institutional partners.

University of Illinois at Chicago/Field Museum Joint Degree Program in Anthropology. This program was established in 1995 in order to strengthen anthropology course offerings at UIC and enable the university to grant the Ph.D. in Anthropology, and to facilitate access by UIC faculty and students to Field Museum collections. Besides teaching on a regular basis at UIC, all of The Field Museum's anthropology curators have adjunct professor status, and are members of the UIC graduate faculty, chairing Ph.D. committees, serving on admissions committees for students, and on search and promotion committees for teaching and curatorial programs; Field Museum curators collectively chaired more than half a dozen doctoral committees in 2006. UIC graduate students actively conduct research in Anthropology collections and labs. There are currently 15 Ph.D. students in the program, and two graduate fellows in residence at the Museum.

Northwestern University/Field Museum Program in Anthropology. Formalized in Fall 2001, this program consolidated an emerging relationship between the Anthropology programs at the Museum and Northwestern. Eight Field Museum anthropology curators have adjunct professor status at Northwestern, and engage in regular teaching duties that are part of the Northwestern University course offerings, and select NU anthropologists have adjunct curator status at the Field. Two Northwestern students are currently conducting graduate research with Field Museum curators.

University of Illinois at Chicago—Ecology and Evolution Program. This graduate-degree granting program within the Department of Biological Sciences at the University of Illinois at Chicago is a collaboration between the department's eight organismal biologists and nine curators at The Field Museum, as well as scientists from the Brookfield Zoo, Morton Arboretum and other area institutions. The collaboration grew out of joint interest in training international colleagues, and the program has hosted three MacArthur-sponsored programs for training in tropical conservation, as well as several NSF-funded programs in Botany and Zoology. Nine students based in the Museum's Department of Zoology and two in Botany are currently pursuing their graduate studies under this program. Curators Bruce Patterson (Zoology), Greg Mueller (Botany), and Scott Lidgard (Geology) serve as institutional liaisons.

Resident Graduate Students. Field Museum scientists lend their expertise to both undergraduate and graduate instruction at universities in the Chicago area and around the world. As the Higher Education section demonstrates, university teaching is central to the activity of Field Museum curators, as is

graduate student advising and dissertation supervision. Among the graduate students mentored and advised by Field Museum curators is a core group of graduate students whose work is squarely based in The Field Museum's collections and labs. During the past year The Field Museum provided training in collections-based research to 70 resident graduate students, from the University of Chicago, the University of Illinois at Chicago, Northwestern, Loyola University, DePaul University, and Southern Illinois University, as well as the University of Michigan, the University of Essen, Germany, and Chulalongkorn University, Thailand.

PROFESSIONAL AND FIELD-BASED TRAINING

Stones and Bones: A Course in Paleontological Research Methods and Field Work. For the past three summers Lance Grande (Senior Vice President and Head of Collections and Research) has taught a field course to a small group of advanced placement high school and undergraduate college students. The four-week course is run through the University of Chicago and The Field Museum and covers paleontological theory, method and practice. The course begins at The Field Museum, where the students spend a week learning about fossil collections and the type of research conducted here, followed by two weeks of hands-on paleontological field work in the mountain desert near Kemmerer, Wyoming, one of the world's most spectacular fossil sites. In their final week, back at The Field Museum, students focus on preparation, study and analysis of the collected material and incorporation of the specimens into the permanent Museum collection. In 2006, eight students participated in the program.

Ecology Training Program/Université d'Antananarivo. The Field Museum and World Wildlife Fund (WWF) Madagascar are joint collaborators in a training program that provides field and classroom training in the biological sciences for Malagasy graduate students through a program of field research in Madagascar, seminars and courses at the Université d'Antananarivo, and collections work at the Museum. Since its inception in 1993, the effort has resulted in over 80 Malagasy students earning higher degrees within the national university system in the fields of zoology and conservation biology. These graduates are obtaining important posts in the non-government and government sectors on Madagascar and are rapidly advancing conservation programs on the island. In addition, more than 300 Malagasy students have taken part in field trips and field schools, and the program has yielded more than 400 scientific publications. Considerable effort has also been devoted to building the collections at the Université d'Antananarivo museum.

NSF PEET projects. The PEET program (Partnerships for the Enhancement of Expertise in Taxonomy), the National Science Foundation's response to ever-shrinking expertise in "whole organism" biology, makes major grants to support intensive studies of "under-studied" organisms, with training a major component of each project. Projects provide comprehensive training in collections-based, monographic studies for postdoctoral associates, graduate students, and undergraduate interns. The Field Museum had five PEET grants underway in 2006:

- Margaret Thayer (Zoology): "Monography, Phylogeny, and Historical Biogeography of Austral Staphylinidae (Coleoptera)."
- Sabine Huhndorf (Botany): "Monographs of Two Key Genera and Family-Level Phylogeny (Fungi, Ascomycetes, Sordariales)." (This is the second PEET grant held by this investigator.)
- Rüdiger Bieler (Zoology): "Bivalves: Research, Training, Electronic Dissemination of Data."
- Petra Sierwald (Zoology): "The Diplopoda: Research, Taxonomic Training and Computerization."

Training Programs for Central American Mycology Students and Young Professionals. Robert Lücking, Collections Manager and Adjunct Curator in Botany, held a course on multivariate analysis of ecological data in Lima, Peru (Universidad Peruana Cayetano Heredia) in March and April 2006. The course was part of the formally credited graduate program at that university and a similar course will be offered each year. Lücking also worked closely with the mycology and lichenology curators, technicians,

and parataxonomists at INBio (National Biodiversity Institute) during one further research and training visits to Costa Rica, and in addition supervised an undergraduate thesis at the University of Costa Rica.

Mammalian Biodiversity in the Philippines. As part of an ongoing training program stretching back more than two decades, Curator Larry Heaney (Zoology/Mammals) instructed one graduate student from the University of the Philippines and two wildlife biologists from the Department of Environment and Natural Resources Philippines on methods of mammalian surveys, field identification, and biodiversity conservation for two weeks on Mt. Data National Park, Luzon, Philippines. Two young biologists from Conservation International-Philippines came to The Field Museum late in the year for about one month of advanced training in assessment of mammalian diversity for conservation science.

INTERNS, 2006

HIGH SCHOOL INTERNS

Department of Anthropology

Crystal Croyl, Illinois Math and Science Academy.

Department of Zoology

Michael Barber, Oak Park and River Forest High School; Cate Berger, St. Ignatius; Zoe Burns, Lane Tech; Rachel Flynn, New Trier High School; Dan Ioppolo, St. Ignatius; William Montag, University of Chicago Lab School; Charles Muller, Oak Park and River Forest High School; Elizabeth Muller, Oak Park and River Forest High School; Cassie Pontone, Oak Park - River Forest High School.

UNDERGRADUATE STUDENT INTERNS

Department of Anthropology

Jenna Beletic, University of Chicago; Marcus Cohn, Cornell University; Blair Daverman, Colorado College; Maggie David, University of Colorado Boulder; Julie Delamare-Deboutville, University of Paris, France; Eva DeLaurentiis, University of Chicago; Ridgley Dunn, Kent State University; Brian Tucker Eads, University of Chicago; Elizabeth Elliott, University of Notre Dame; Cassidy Follins, Florida State University; Craig Hadley, Beloit College; Pendry Haines, University of Chicago; Debra Hayes, North Central College; Jessica Henderson, University of Chicago; Lindsey Howard, North Central College; Alexis Jordan, Loyola University; Emily Kelley, University of Notre Dame; Debbie Lee, Wheaton College; Laura Lienemann, Grinnell College; Patricia Lord, Beloit College; Adam Manta, North Central College; Dan Marratto, University of Illinois at Urbana-Champaign; Elizabeth Miller, Iowa State; Christine Niemiec, Northwestern University; Lisa Nosek, University of Illinois at Chicago; Emily Olsen, University of Arizona; Christina Pak, University of Massachusetts-Amherst; David Pisano, University of Chicago; Joshua Rubin, University of Michigan; Elizabeth Schaeffer, University of Chicago; Helena Shaskevich, Loyola University; Laura Siedenberg, Washington University; Katie Skorpinski, Michigan State University; Megan Tormey, University of Chicago; James Van Wyk, Northwestern University; Jen-Yu Wang, School of the Art Institute of Chicago.

Department of Botany

Samuel Cincotta, University of Georgia, Athens, GA; Gregory Kauffman, University of Chicago, Chicago, IL; Katherine Lauer, University of Chicago, Chicago, IL; James Lendemer, Academy of Sciences, Philadelphia, PA; Gandhi Ponce, Universidad de San Carlos de Guatemala, San Carlos, Guatemala.

Department of Geology

Shannon Loomis, University of Chicago.

Department of Zoology

Jay Bauman, University of Chicago; Anne Brock, Northwestern University; Alta Buden, University of Chicago; Chelsea Bueter, Lake Forest College; Gabriella Chiono, Loyola University; Alex Cruz, Northeastern Illinois University; Kate Dyrks, Oberlin College; Anna Goldman, College of the Atlantic; Steve Hanson, University of Wisconsin, Madison (Scholarship Committee); Adrian Harris, Purdue University; Alexandra Martin, University of Rouen, France; José-Cristián Martínez, University of Illinois at Chicago; Kevin Miklasz, University of Chicago; Natasha Newman-Thomas, Art Institute of Chicago; Paul Orlando, University of Illinois at Chicago; Eleanor S. Powell, Smith College; James Waters, University of Chicago; Michael Zubik, Dominican University.

GRADUATE STUDENT INTERNS

Department of Anthropology

Christine DeLisle, University of Michigan; Nicole Ihnatiuk, School of the Art Institute of Chicago; Nicola Sharratt, University of Illinois at Chicago; Marina van der Lecq, Netherlands Institute for Cultural Heritage; Nicholas Wisseman, Northwestern University.

Department of Zoology

Bobak Kechavoarzi, Hanover College; Brian Oliver, Dominican University; Megan Rinehart, Hanover College.

RESIDENT GRADUATE STUDENTS, 2006

DEPARTMENT OF ANTHROPOLOGY

Northwestern University

Robin Coleman, Paul Wahi

Southern University of Illinois Carbondale

David Goldstein

University of Chicago

Edna Davion

University of Illinois at Chicago

Gabriel Cantarutti, Sofia Chacaltana, Christopher Davis, Mark Golitko, Virginia Hess, Russ Quick, Jason Laffoon, Lisa Niziolek, Rahul Oka, Rebecca Osborn, William Pestle, Nicola Sharratt, Cyril Wilson, Melanie Zacher

DEPARTMENT OF BOTANY

University of Chicago

Sara Branco, Michael Fitzsimons, Kelly Gravier, Matthew Kierle, Ole Shelton

University of Essen, Germany

Armin Mangold, Nora Wirtz

University of Illinois at Chicago

George Mugambe, Huu Nguyen, Eimy Rivas Plata, Lymari Ruiz-Sanchez, Jacqueline Van De Veire

University of Michigan

Yi Cui

DEPARTMENT OF GEOLOGY

Northwestern University

Richard Barclay

University of Chicago

Jack Conrad, David Cook, John Finarelli, Christian Kammerer, Brandon Kilbourne, Lee Liow, Surangi Punyasena, Liping Qin, Rudyard Sadleir, Nate Smith

DEPARTMENT OF ZOOLOGY

Chulalongkorn University, Thailand

Anchalee Aowphol, Ratchata Phochayavanich, Chattapat Pongchareon

Loyola University

Janelle Morano

University of Chicago

Nicholas Block, James Cooper, Dan Davison, Nicholas Johnson, Christian Kammerer, Lucinda Lawson, Aaron Rice, Becca Rowe, Melissah Rowe, Rebecca Rundell, Brian Sidlauskas, Rebecca Terry, Dean Thorsen, Sarah Weyandt

University of Illinois at Chicago

Mohammed Abu Baker, Isabel Caballero, David J. Clarke, Terrence Demos, Jennifer Fessler, Malu Jorge, Michael Jorgensen, Isabella Kappner, Bryan Stuart, Paul Velazco, John Wilk

VOLUNTEERS, 2006

DEPARTMENT OF ANTHROPOLOGY

Jenna Beletic, Janice Bell, Charles Brockmann, Kristin Buskirk, Anjaneen Campbell, Robin Coleman, Joan Connor, Connie Crane, Becky D'Angelo, Victoria Drake, Meredith Durkin, Michael Ferraro, Taryn Fisher, Taso Frangou, Linna Gao, Peter Gayford, William Goldman, Michael Gordon, Elizabeth Hanley, Francis Heller, Dale Hillerman, Belen Jaquez, Brandon Keehner, Jenni Kledis, Devon Krizan, Hilary Leathem, Leonore Levit, Renee Logan, Diane Luhmann, Jack MacDonald, Evan Mannaberg, Dorren Martin-Ross, Robert McFarland, Josephine Meleico, Dan Melone, Carolyn Moore, Ellis Murphy, Emilia Pancheva, Velia Peterson, Dorothea Phipps-Cruz, Mary Prindville, Bryan Preston, Kathleen Ratteree, Katheryn Ryberg, Christine Salvator, Anastasia Schaefer, Esther Schechter, Barbara Schwartz, Steven Schwartzman, Monica Sentoff, Stephen Sentoff, Twisha Shah, John Shea, Tamara Siuda, Beth Spencer, Felice Sperone, Lisa Stringer, Ika Tomaszewsky, Hsi-tsin Tsiang, Mary Vermillion, Jean Vondriska, William Whitehead, Edward Yastrow, Melanie Zanoza.

DEPARTMENT OF BOTANY

Wendy Biggs (vPlants), Barbara Bouton (Bryology), Jordan Bouvier (Mycology), Rebecca Clasen (Vascular Plants), Elizabeth DiGiovine (Bryology), Karen Engel (Bryology), Mary Feay (Mycology), Garen Gaston (Lichenology), Anders Hagborg (Bryology), Richard Hyerczyk (Lichenology), Nancy Klaud (Scientific Illustration/Vascular Plants), Alice Piller (Mycology), Richard Sabel (Mycology), Arlene Sison (Vascular Plants), Raphael Stern (Lichenology).

DEPARTMENT OF GEOLOGY

Melanie Austin (Vertebrate Paleontology), Kelly Benjamin (Vertebrate Paleontology), Gareth Blakesley (Vertebrate Paleontology), Irene Broede (Vertebrate Paleontology), Julie Calcagno (Vertebrate Paleontology), Mary Sue Coates (Physical Geology), Larry Coronelli (Paleobotany), Mike Eklund (Vertebrate Paleontology), Erin Fitzgerald (Vertebrate Paleontology), Marie Georg (Vertebrate Paleontology), Tom Kerstann (Vertebrate Paleontology), Dennis Kinzig (Vertebrate Paleontology), Joanne Kluga (Vertebrate Paleontology), Pamela Knight (Vertebrate Paleontology), Megan Kondal (Vertebrate Paleontology), Stephanie Lukowski (Vertebrate Paleontology), Kendra Massey (Vertebrate Paleontology), John McConnell (Invertebrate Paleontology and Paleobotany), Mark Moleski (Vertebrate Paleontology), Brian Morrill (Vertebrate Paleontology), Nicole Mulcahy (Vertebrate Paleontology), Karen Nordquist (Vertebrate Paleontology), Gregg Robinson (Invertebrate Paleontology and Paleobotany), Paul Schaffenberger (Vertebrate Paleontology), Amy Singer (Vertebrate Paleontology), Hedy Turnbull (Vertebrate Paleontology), Warren Valsa (Vertebrate Paleontology), Karen Vendl (Physical Geology), Mark Vendl (Physical Geology), Jack Wittry (Paleobotany and Invertebrate Paleontology), George Wolnak (Vertebrate Paleontology), Steven Zitowsky (Vertebrate Paleontology).

DEPARTMENT OF ZOOLOGY

Ayla Amadio (Mammals), Robert Andrini (Birds), Paul Baker (Birds), Nicholas Beecher (Mammals), Nancy Bigelow (Insects), Richard Bloomfield (Insects), Helen C. Bonbrest (Invertebrates), Joan Bruchman (Birds), Renee Buecker (Insects), Peter Buol (Birds), Fredell Campbell (Mammals), Rebecca Conant (Mammals), Alex Cruz (Mammals), Kim A. Davies (Invertebrates), Sara Delaschmutt (Mammals), Sylvia Deskaj (Mammals), Marion Dunn (Fishes), Stanley Dvorak (Invertebrates), Alison Ebert (Mammals), Dana Eckland (Insects), Tracey Eckland (Insects), Ralph Eiseman (Birds), Josh Engel (Birds), Scott T. Fecho (Invertebrates), Glenn Gabanski (Birds), Celesia Gastone (Mammals), Dr. Arlene Ghiron (Insects), Harvey Golden (Mammals), Joan Goldstein (Fishes), Alex Grohman (Mammals), Richard Guzik (Invertebrates), Kiyoko Hamilton (Mammals), Herbert Hymen (Birds), Edwin Kapus (Invertebrates), Julie Kartholl (Mammals), Dr. James Kase (Insects), Melissa Kelly (Mammals), Judith Knittle (Mammals), Kim Knudten (Mammals), Hank Krishman (Insects), David Krumwiede (Birds), Sonia Leon (Insects), Will Levine (Mammals), Leslie Major (Birds), Teresa Mayfield (Amphibians and Reptiles), Sean McBride (Birds), Megan Mikane (Amphibians and Reptiles), Jennifer Mui (Amphibians and Reptiles), Sadie Norwick (Amphibians and Reptiles), Troy Nowak (Birds), Susan Okey (Insects), Jessica Valero Padilla (Amphibians and Reptiles), Roger Reason (Amphibians and Reptiles), Sheila Reynolds (Mammals), Louis Salas (Birds), Robert Scholtes (Insects), Elizabeth Simmons (Insects), Bryan Standerski (Amphibians and

Reptiles), Abigail Stewart (Mammals), Dave Strecker (Insects), Rachel Sula (Insects), Arleen Tisma-Marks (Chair's office), Daniel Tobiansky (Amphibians and Reptiles), Sandy Van Tilburg (Birds), Christine Vittoe (Invertebrates), David Walker (Invertebrates), Denis Yermak (Insects), Nataliya Yermak (Insects), Joseph Zich (Invertebrates).

HONORARY APPOINTMENTS, 2006

DEPARTMENT OF ANTHROPOLOGY

Curator Emeritus

Phillip Lewis, Ph.D., Primitive Art, Melanesian Ethnology

Adjunct Curators

William Barnett, Ph.D., Old World Prehistory
Brian Bauer, Ph.D., Andean Archaeology
Deborah Bekken, Ph.D., East Asian Archaeology and Zooarchaeology
James A. Brown, Ph.D., North American Archaeology
Elizabeth Brumfiel, Ph.D., Mesoamerican Archaeology
Winifred Creamer, Ph.D., Mesoamerican and Southwest Archaeology
Scott Demel, Ph.D., North American and Historical Archaeology
Timothy Earle, Ph.D., Archaeology of Complex Societies
Robert L. Hall, Ph.D., Plains and Midwestern Archaeology and Ethnography
Chumei Ho, Ph.D., East and Southeast Asian Art and Archaeology
Paul Hockings, Ph.D., Southern Asia Social Anthropology
Katherine Hoffman, Ph.D., Linguistic and Sociocultural Anthropology
Laura Junker, Ph.D., Complex Societies, Maritime Trade, and Ceramic Production
Lawrence H. Keeley, Ph.D., Europe and North American Paleolithic Archaeology
Waud Kracke, Ph.D., Social Anthropology, Psychoanalysis, Dreams
Sibel Barut Kusimba, Ph.D., African Archaeology
Christopher W. Kuzawa, Ph.D., Health, Human Growth and Development
William Leonard, Ph.D., Biological Anthropology
Mark Lietchty, Ph.D., Anthropology and History
Thomas McDade, Ph.D., Human Biology
John Monaghan, Ph.D., Anthropology and History, Religion
Donna Nash, Ph.D., Andean Archaeology
Linda Nicholas, M.A., Mesoamerican Archaeology
Joel Palka, Ph.D., Mesoamerican Archaeology
James L. Phillips, Ph.D., Old World Prehistory, Stone Tools
Jack H. Prost, Ph.D., Physical Anthropology and Primate Behavior
David Reese, Ph.D., Archaeozoology
Cynthia Robin, Ph.D., Archaeology, Social Organization
Helen B. Schwartzman, Ph.D., Psychological Anthropology
Sylvia Vatuk, Ph.D., Cultural, Gender, and Urban Anthropology, India
Mary J. Weismantel, Ph.D., Cultural Anthropology, Food, Adoption
Robert L. Welsch, Ph.D., Oceania
Sloan Williams, Ph.D., South American Bioarchaeology

Research Associates

Kathleen Adams, Ph.D., Sociology
Dean E. Arnold, Ph.D., Mesoamerican and South American Archaeology and Ethnology
Philip J. Arnold, III, Ph.D., Mesoamerican Archaeology, Craft Production and Ethnoarchaeology
Robert C. Bailey, Ph.D., Biological Anthropology, Africa
Jane Eva Baxter, Ph.D., Historical Archaeology
Richard Blanton, Ph.D., Mesoamerican Archaeology
Deborah Blom, Ph.D., Andean Bioarchaeology
Joshua Borstein, Ph.D., Mesoamerican Archaeology
Robert J. Braidwood, Ph.D., Middle Eastern Archaeology
Jane E. Buikstra, Ph.D., Skeletal Biology, Paleopathology, Paleodemography, Forensic Anthropology
Raymond G. Codrington, Ph.D., Urban Cultural Anthropology
William J. Conklin, Ph.D., Peruvian Anthropology

Nicole Couture, Ph.D., Latin America
 Phillip J. C. Dark, Ph.D., African Ethnology
 Shannon Dawdy, Ph.D., American South and Caribbean, Creole Cultures
 Robert Feldman, Ph.D., Andean Archaeology
 Anne L. Grauer, Ph.D., Physical Anthropology, Skeletal Biology, North America
 Mark Hauser, Ph.D., Historical Archaeology and Archaeology of African Diasporas
 Augustin Ferdinand Charles Holl, Ph.D., West African Prehistory, African-American Archaeology
 F. Clark Howell, Ph.D., Old World Prehistory
 John Janusek, Ph.D., Andean Archaeology
 Carolyn Schiller Johnson, Ph.D., Ethnomusicology
 Janet H. Johnson, Ph.D., Near Eastern Archaeology
 James Ketelaar, Ph.D., East Asian History
 Alan L. Kolata, Ph.D., Andean Archaeology and Ethnohistory
 Lyle Konigsberg, Ph.D., Physical Anthropology
 David Kuehn, Ph.D., Geoarchaeology
 Elizabeth Ann Lillehoj, Ph.D., Japan, Material Culture
 Laura Litten, Ph.D., Visual Anthropology
 Maria C. Lozada, Ph.D., Peruvian Archaeology
 Donald E. McVicker, Ph.D., Mesoamerican Archaeology
 Michael E. Moseley, Ph.D., South American Archaeology
 Katherine Nelson, Ph.D., American Southwest Archaeology
 Nancy Parezo, Ph.D., American Indian Studies
 Nadine Ruth Peacock, Ph.D., Biological Anthropology, Africa
 Esther Schechter, Ph.D., Kinship
 Fred H. Smith, Ph.D., Physical Anthropology
 Costas Spirou, Ph.D., Urban Anthropology and Sociology
 John Edward Staller, Ph.D., Ethnoarchaeology, West Lowland South America
 Gil J. Stein, Ph.D., Near Eastern Archaeology
 Ann L.W. Stodder, Ph.D., Bioarchaeology, Oceania
 Edward Swensen, Ph.D., Arts in Anthropology
 Hans Thomsen, Ph.D., East Asian Art and Archaeology
 Nikolaas Johannes van der Merwe, Ph.D., African Archaeology and Metallurgy
 Ronald Weber, Ph.D., Amazon Basin and Northwest Coast Archaeology and Ethnology
 Donald Whitcomb, Ph.D., Egyptian Prehistory

Associates

Connie Crane, A.B., North American Ethnology
 Peter Gayford, B.A., African Archaeology and Ethnology
 John M. MacDonald, M.S., Oceania
 Carolyn Moore, B.A., Asian Material Culture
 Judy Odland, M.A., African and South American Textiles
 Lisa Stringer, M.A., Archaeology
 Edward Yastrow, B.A., Human Origins

DEPARTMENT OF BOTANY

Curator Emeritus

William Burger, Ph.D., Vascular Plants

Adjunct Curators

William A. Alverson, Ph.D., Vascular Plants
 Eve Emshwiller, Ph.D., Ethnobotany
 Robin B. Foster, Ph.D., Vascular Plants
 Patrick Leacock, Ph.D., Mycology
 Robert Lücking, Ph.D., Lichenology

Gary L. Smith Merrill, Ph.D., Bryology

Visiting Assistant Curator

Fred R. Barrie, Ph.D., Vascular Plants

Research Associates

Robert F. Betz, Ph.D., Vascular Plants
John E. Braggins, Ph.D., Bryophytes
Julieta Carranza, Ph.D., Mycology
Ana Crespo, Ph.D., Lichenology
Fernando A. Fernandez, Ph.D., Mycology
Jesús Garcia J., Biol., Mycology
Nancy Garwood, Ph.D., Vascular Plants
Sidney F. Glassman, Ph.D., Vascular Plants
Luis D. Gómez, Ph.D., Mycology
Alfredo Gomez-Beloz, Ph.D., Vascular Plants
Jorgé Gómez Laurito, B.S., Vascular Plants
James G. Graham, Ph.D., Vascular Plants
Nancy Hensold, Ph.D., Vascular Plants
Patrick Herendeen, Ph.D., Vascular Plants
Andrew Hipp, Ph.D., Vascular Plants
Sara Hoot, Ph.D., Vascular Plants
Michael Huft, Ph.D., Vascular Plants
Wei Jiang-Chun, Ph.D., Mycology
Marian R. Kadushin, Ph.D., Vascular Plants
Kuswata Kartawinata, Ph.D., Vascular Plants
Thomas G. Lammers, Ph.D., Vascular Plants
Segundo Leiva González, Ph.D., Vascular Plants
David Lentz, Ph.D., Vascular Plants
Blanca Leon, Ph.D., Pteridology
David P. Lewis, M.S., Mycology
Richard A. Lupia, Ph.D., Paleobotany
John F. Lussenhop, Ph.D., Mycology
James Luteyn, Ph.D., Vascular Plants
François M. Lutzoni, Ph.D., Lichenology
Maria de Milagro Mata Hidalgo, Mycology
Susana A. Magallón-Puebla, Ph.D., Paleobotany
Rogers McVaugh, Ph.D., Vascular Plants
Andrew Miller, Ph.D., Mycology
John (Jack) Murphy, Ph.D., Mycology
Cirilo Nelson, Ph.D., Vascular Plants
Lorin I. Nevling, Jr., Ph.D., Vascular Plants
Patricio P. Ponce de Leon, Ph.D., Mycology
Kathleen Pryer, Ph.D., Pteridology
Victor Quipuscoa Silvestre, Ph.D., Vascular Plants
James Rastorfer, Ph.D., Bryology
Jacinto C. Regalado, Jr., Ph.D., Vascular Plants
Abundio Sagastegui, Ph.D., Vascular Plants
Isidoro Sanchez Vega, Ph.D., Vascular Plants
Rudolf M. Schuster, Ph.D., Bryology
Alan R. Smith, Ph.D., Pteridology
D. Doel Soejarto, Ph.D., Vascular Plants
Tod F. Stuessy, Ph.D., Vascular Plants
Qiuxin Wu, Ph.D., Mycology

Kenneth Young, Ph.D., Vascular Plants

Field Associates

Sandra Knapp, Ph.D., Vascular Plants

Antonio Molina R., Ing. Agr., Vascular Plants

Associates

Betty Strack, M.S., Mycology

DEPARTMENT OF GEOLOGY

Curators Emeritus

Matthew H. Nitecki, Ph.D., Fossil Invertebrates

William D. Turnbull, Ph.D., Fossil Mammals

Bertram G. Woodland, Ph.D., Petrology

Research Associates

William L. Abler, Ph.D., Fossil Vertebrates

Edgar Allin, Ph.D., Fossil Vertebrates

David Bardack, Ph.D., Fossil Fishes

William Bemis, Ph.D., Fossil Vertebrates

C. Kevin Boyce, Ph.D., Paleobotany

Chris Brochu, Ph.D., Fossil Vertebrates

Gregory A. Buckley, Ph.D., Fossil Vertebrates

Andrew Campbell, Ph.D., Meteoritics

Matthew T. Carrano, Ph.D., Fossil Vertebrates

Robert Clayton, Ph.D., Meteoritics/Geochemistry

Michael Coates, Ph.D., Fossil Fishes

Peter R. Crane, Ph.D., Paleobotany

Darin Croft, Ph.D., Fossil Vertebrates

Andrew Davis, Ph.D., Meteoritics/Geochemistry

David Kenneth Elliott, Ph.D., Fossil Vertebrates

Greg Erickson, Ph.D., Fossil Vertebrates

Daniel Fisher, Ph.D., Fossil Invertebrates

John Flynn, Ph.D., Fossil Mammals

Michael Foote, Ph.D., Fossil Invertebrates

Catherine Forster, Ph.D., Fossil Vertebrates

Gary Galbreath, Ph.D., Fossil Vertebrates

Timothy Gaudin, Ph.D., Fossil Mammals

Terry Grande, Ph.D., Fossil Fishes

Lawrence Grossman, Ph.D., Meteoritics

Thomas Guensburg, Ph.D., Fossil Invertebrates

William Hammer, Ph.D., Fossil Reptiles

James Hopson, Ph.D., Fossil Vertebrates

David Jablonski, Ph.D., Fossil Invertebrates

Christine Janis, Ph.D., Fossil Mammals/Other Vertebrates

Lenny Kouwenberg, Ph.D., Paleobotany

David Krause, Ph.D., Fossil Vertebrates

Michael LaBarbera, Ph.D., Fossil Invertebrates

Ricardo Levi-Setti, Ph.D., Fossil Invertebrates

R. Eric Lombard, Ph.D., Fossil Vertebrates

Ernest Lundelius, Ph.D., Fossil Mammals

Frank McKinney, Ph.D., Fossil Invertebrates

J. Michael Parrish, Ph.D., Fossil Reptiles

Roy Plotnick, Ph.D., Fossil Invertebrates

Robert R. Reisz, Ph.D., Fossil Reptiles
Frank M. Richter, Ph.D., Geophysics and Chemistry
Ray Rogers, Ph.D., Sedimentology
Paul Sereno, Ph.D., Fossil Reptiles
Neil H. Shubin, Ph.D., Fossil Vertebrates
Neil C. Sturchio, Ph.D., Meteoritics
Stuart S. Sumida, Ph.D., Fossil Vertebrates
Alfred Traverse, Ph.D., Fossil Plants/Paleopalynology
Leigh Van Valen, Ph.D., Fossil Mammals
Mark Webster, Ph.D., Fossil Invertebrates
André Wyss, Ph.D., Fossil Mammals

Associates

Nicolas Dauphas, Ph.D., Cosmochemistry
Doris Nitecki, M.A., Fossil Invertebrates

DEPARTMENT OF ZOOLOGY

Curator Emeritus

Robert F. Inger, Ph.D., Amphibians and Reptiles
Rupert L. Wenzel, Ph.D., Insects (deceased 2006)

Adjunct Curators

Harry G. Nelson, S.B., Insects (deceased 2006)

Associates

Peter L. Ames, Ph.D., Syringeal Morphology of Passerine Birds
Matt Bonnan, Ph.D., Vertebrate Paleontology
Barbara Brown, B.A., Primates
Sidney Camras, M.D., Systematics of Conopidae (Diptera)
Arvin C. Diesmos, M.S., Philippines Amphibians
Barbara A. Harney, M.S., Mammal Ecology
N. Aldrin D. Mallari, M.S., Philippines Conservation
Peggy McNamara, Artist
Philip P. Parrillo, B.S., Systematics of Carabidae (Coleoptera)
Nina Sandlin, B.A., Taxonomy of Linyphiidae (Araneae)
John A. Wagner, Ph.D., Systematics of Staphylinidae: Pselaphidae (Coleoptera)

Field Associates

Tom Anton, M.A., Midwestern Amphibians and Reptiles
Sherif Baha El Din, M.S., Herpetology of Egypt
Barbara Becker, M.A., Zoology Research
Somchai Bussarawit, B.S., Biology
Tanya Chan-ard, M.S., Forest Biology
Merel J. Cox, M.S., Geology, Snakes of Thailand
Leif Davenport, Mammals of Burundi
Susan Davis, M.S., Neotropical Birds
Steve Fratello, Guyanan Butterflies
Bruce Hayward, Ph.D., African Mammals
Nina R. Ingle, Ph.D., Philippine Mammals and Conservation
Djoko T. Iskandar, Ph.D., Genetic and Systematics of Amphibians
Maklarin Lakim, Research Officer
Vachira Lheknim, Ph.D., Fish of Thailand
Kelvin Lim Kok Peng, Amphibians and Reptiles

Antonio Machado-Allison, Ph.D., South American Fishes
David Matusik, Lepidoptera Taxonomy
Gregory Mayer, Ph.D., Organismic and Evolutionary Biology
Manuel A. Plenge, Peruvian Bird Distribution
Walter R. Suter, Ph.D., Systematics of Scydmaenidae (Coleoptera)
Blas Tabaranza, M.S., Philippine Mammals
Jamie Thomerson, Ph.D., Central and South American Fishes
Ruth Utzurrum, Ph.D., Philippine Mammals

Research Associates

Michael Alfaro, Ph.D., Molecular Systematics
Mary Ashley, Ph.D., Conservation Genetics
Wirt Atmar, Ph.D., Diversity and Community Structure
Danny Balete, M.S., Philippine Mammals and Conservation
Rosemary Barraclough, Ph.D., Blood Bird Parasites
Jason E. Bond, Ph.D., Systematics of Diplopoda and Araneae
Rauri Bowie, Ph.D., African Bird Systematics
John Cadle, Ph.D., Herpetology
Angelo Capparella, Ph.D., Evolution of Neotropical Birds
Jose Maria Cardoso da Silva, Ph.D., Brazilian Birds
Dale Clayton, Ph.D., Host/Parasite Coevolution
Barry Chernoff, Ph.D., South American Fishes/Conservation
Melissa Cogan-Morales, Ph.D., Bat Morphology
Timothy Collins, Ph.D., Molecular Evolution of Mollusks
Joel Cracraft, Ph.D., Avian Systematics and Evolutionary Biology
Kevin S. Cummings, Ph.D., Freshwater Bivalves
Marian Dagosto, Ph.D., Primates
Michael L. Draney, Ph.D., Systematics of Linyphiidae (Araneae)
Amy Driskell, Ph.D., Evolution of Birds and Bioinformatics
Brian Dyer, Ph.D., Biomechanics
John Fitzpatrick, Ph.D., Evolutionary Ecology and Biogeography of Neotropical Birds
Daniel Gebo, Ph.D., Primates
Jaqueline Goerck, Ph.D., Conservation in Brazil
Paul Z. Goldstein, Ph.D., Systematics of Lepidoptera
Joel Greenberg, Ph.D., Chicago Natural History
Melina Hale, Ph.D., Biomechanics
Malcolm Hast, Ph.D., Mammalian Vocal Apparatus
John M. Healy, Ph.D., Marine Mollusks
Jacques Hill, Ph.D., Southeast Asian Herpetology
Rainer Hutterer, Ph.D., Mammalian Insectivores
Bruce C. Jayne, Ph.D., Marine and Estuarine Snakes
William B. Jefferies, Ph.D., Coevolution and Symbiosis in Crustaceans
Ulf Johanson, Ph.D., Himalayan Bird Ecology
Kevin Johnson, Ph.D., Systematics and Evolution of Birds
Christian Kammerer, B.S., Deep Sea Fishes
Daryl Karns, Ph.D., Herpetology and Community Ecology
Douglas Kelt, Ph.D., South American Mammals
David H. Kistner, Ph.D., Systematics of Staphylinidae Associated with Ants and Termites
James Koepl, Ph.D., Statistical Properties of Animal Populations
Tan Fui Lian, South Asian Frogs
Peter E. Lowther, Ph.D., Field Museum Nest and Egg Collection
Jessie Maisano, Ph.D., Skeletal Morphology of Squamates
Christopher J. Marshall, Ph.D., Systematics of Coleoptera
Peter Meserve, Ph.D., Population Ecology of Mammals
Paula M. Mikkelsen, Ph.D., Marine Mollusks
John C. Murphy, M.S., Herpetology

Charles Nadler, M.D., Sciuridae
 John O'Neill, Ph.D., Neotropical Birds
 Link Olson, Ph.D., Malagasy Mammals
 Perry Ong, Philippine Mammals
 Victor Pacheco, M.A., Peruvian Mammals
 Somsak Panha, Ph.D., Southeast Asian Land Snails
 Ronald Panzer, Ph.D., Invertebrate Conservation
 Stewart B. Peck, Ph.D., Systematics of Coleoptera
 Paulo Petry, Ph.D., South American Fishes
 Ronald Pine, Ph.D., Taxonomy of South American Mammals
 James Pokines, Ph.D., Taphonomy-Archeology of Mammal Bones
 Stephen Pruett-Jones, Ph.D., Behavior and Ecology of Birds
 George B. Rabb, Ph.D., Taxonomy of Salamanders, Phylogeny of Snakes
 Timothy Rawlings, Ph.D., Marine Mollusks
 Justine Ray, Ph.D., Central African Mammals
 Matthew Ravosa, Ph.D., Primates
 Luis Ruedas, Ph.D., Southeast Asian Mammals
 Victor Sanchez-Cordero, Ph.D., Mexican Mammals
 Nikolaos Schizas, Ph.D., Population Genetics
 Jodi Sedlock, Ph.D., Bat Ecology
 Sergio Solari, M.S., Mammals of Peru
 Bill Strausberger, Ph.D., Cowbirds
 Bryan L. Stuart, Ph.D., Herpetology
 Robert Stuebing, M.S., Malaysian Ecology
 J. Bolling Sullivan III, Ph.D., Systematics of Lepidoptera
 Jose Tello, Ph.D., Neotropical Bird Systematics
 Kumthorn Thirakhupt, Ph.D., Southeast Asian Herpetology
 Vinton Thompson, Ph.D., Systematics of Homoptera
 Robert Timm, Ph.D., New World Mammals
 Gary Voelker, Ph.D., Bird Systematics
 Bruce Walsh, Ph.D., Systematics of Lepidoptera
 Joseph Walsh, Ph.D., Mammalian Systematics
 Fred F. Wells, Ph.D., Marine Mollusks
 John Wible, Ph.D., Higher Level Taxonomy of Mammals
 Chris Yahnke, Ph.D., Neotropical Mammal
 Anne Yoder, Ph.D., Primate Evolution
 John Yunker, Ph.D., Mammals of Chicago area

COLLECTION STATISTICS, 2006

Collection Size and Growth

	2005 Number of Specimens	2006 Number of Specimens	2005-2006 % growth
<u>DEPARTMENT OF ANTHROPOLOGY</u>			
Anthropology statistics represent updated inventory data			
Africa	108,546	108,638	0.08%
Europe	37,560	37,560	0.00%
Asia	94,365	94,373	0.01%
South America	54,294	54,297	0.01%
Central & Middle America	26,269	26,842	2.18%
North America	664,473	664,604	0.02%
Pacific	58,824	58,936	0.19%
Osteological Collection	31,791	31,791	0.00%
Anthropology Subtotal	1,076,122	1,077,041	0.09%
<u>DEPARTMENT OF BOTANY</u>			
Algae	78,142	78,142	0.00%
Fungi (including lichens)	184,990	193,220	4.45%
Bryophytes	200,500	204,450	1.97%
Pteridophytes	117,680	117,830	0.13%
Gymnosperms	11,075	11,125	0.45%
Angiosperms	2,130,773	2,136,622	0.22%
Botany Subtotal	2,723,160	2,741,389	0.67%
<u>DEPARTMENT OF GEOLOGY</u>			
Physical Geology	51,035	51,007	-0.05%
Invertebrate Paleontology	322,688	322,707	0.01%
Plant Paleontology	67,714	67,840	0.19%
Vertebrate Paleontology	83,988	84,098	0.13%
Geology Subtotal	525,425	525,652	0.04%
<u>DEPARTMENT OF ZOOLOGY</u>			
Amphibians and Reptiles	283,334	284,492	0.41%
Birds	466,431	470,680	0.91%
Fishes	1,899,257	1,899,717	0.02%
Insects	11,610,459	12,223,311	5.28%
Invertebrates	4,329,765	4,518,128	4.35%
Mammals	187,000	191,253	2.27%
Zoology Subtotal	18,776,246	19,587,581	4.32%
TOTAL SPECIMENS	23,100,953	23,931,663	3.60%

COLLECTION STATISTICS, 2006

Outgoing Loans from Field Museum Collections

	<i>Number of Loans</i>	<i>Number of Specimens</i>
<u>DEPARTMENT OF ANTHROPOLOGY</u>		
Anthropology Subtotal	12	52
<u>DEPARTMENT OF BOTANY</u>		
Algae	0	0
Fungi (including lichens)	14	160
Bryophytes	13	989
Pteridophytes	2	184
Gymnosperms	0	0
Angiosperms	100	7,612
Botany Subtotal	129	8,945
<u>DEPARTMENT OF GEOLOGY</u>		
Physical Geology	17	37
Invertebrate Paleontology	12	72
Plant Paleontology	8	1,525
Vertebrate Paleontology	18	99
Geology Subtotal	55	1,733
<u>DEPARTMENT OF ZOOLOGY</u>		
Amphibians and Reptiles	99	1,935
Birds	109	1,968
Fishes	36	1,363
Insects	139	37,907
Invertebrates	44	1,056
Mammals	77	1,809
Zoology Subtotal	504	46,038
TOTAL	700	56,768

COLLECTION STATISTICS, 2006

Incoming Loans from Other Institutions or Parties

	<i>Number of Loans</i>	<i>Number of Specimens</i>
<u>DEPARTMENT OF ANTHROPOLOGY</u>		
Anthropology Subtotal	0	0
<u>DEPARTMENT OF BOTANY</u>		
Algae	0	0
Fungi (including lichens)	77	4,687
Bryophytes	10	307
Pteridophytes	0	0
Gymnosperms	0	0
Angiosperms	17	1,562
Botany Subtotal	104	6,556
<u>DEPARTMENT OF GEOLOGY</u>		
Physical Geology	0	0
Invertebrate Paleontology	1	1
Plant Paleontology	0	0
Vertebrate Paleontology	n/a	n/a
Geology Subtotal	1	1
<u>DEPARTMENT OF ZOOLOGY</u>		
Amphibians and Reptiles	19	785
Birds	9	82
Fishes	4	18
Insects	61	9,352
Invertebrates	10	4,649
Mammals	27	396
Zoology Subtotal	130	15,282
TOTAL	235	21,839

COLLECTION STATISTICS, 2006

Use of Collections by Visitors

	<u>Scientific Visitors</u>		<u>Classes</u>		<u>Information/Outreach</u>	
	Total Visitors	Total Visitor Days	Total Classes	Total Students	Total Visits	Total Visitors
<u>ANTHROPOLOGY</u>						
Subtotal	91	112	34	686	28	285
<u>BOTANY</u>						
Algae	0	0	0	0	0	0
Fungi	7	53	0	0	0	0
Bryophytes	6	6	0	0	0	0
Pteridophytes	3	16	0	0	0	0
Gymnosperms	1	1	0	0	0	0
Angiosperms	63	353	5	29	3	48
Subtotal	80	429	5	29	3	48
<u>GEOLOGY</u>						
Physical Geology	0	0	1	2	1	10
Invertebrate Paleo	16	20	0	0	9	23
Plant Paleontology	3	3	2	8	3	15
Vertebrate Paleo	68	113	2	11	8	20
Subtotal	87	136	5	21	21	68
<u>ZOOLOGY</u>						
Amphib./Reptiles	48	340	6	84	5	8
Birds	50	250	6	87	300	1,700
Fishes	50	141	9	167	21	54
Insects	38	205	0	0	19	227
Invertebrates	30	33	0	0	13	76
Mammals	133	908	11	163	23	430
Subtotal	349	1,877	32	501	381	2,495
TOTALS	607	2,554	76	1,237	433	2,896

FIELDIANA, 2006

Fieldiana is a peer-reviewed monographic series published by The Field Museum. Curator Harold Voris (Zoology/Amphibians and Reptiles) is Managing Scientific Editor. It focuses on mid-length monographs and scientific papers pertaining to collections and research at the Field Museum. The four series pertain to subject matter in the fields of Anthropology, Botany, Geology, and Zoology. Curators, research associates, full-time scientific support staff, full-time paid postdoctoral fellows, graduate students of Field Museum curators, and fellowship awardees may submit manuscripts for publication in *Fieldiana*.

2006 was a blockbuster year for *Fieldiana*. It published eight scientific papers, totaling 409 pages, more than twice the average in prior years. *Fieldiana* has been invited to participate in BioOne.2, an electronic aggregator service for scholarly publications relating to organismal biology that takes the content of all its participants and publishes it worldwide online. All *Fieldianas* starting from 2005 onward will be available through their service as of March 2007. This will make *Fieldiana* more easily accessible to scholars around the world, and thus more visible to the academic community.

Visit the *Fieldiana* website for more information:
http://www.fieldmuseum.org/research_collections/fieldiana/

Fieldiana: Anthropology

No. 38. Fashioning Tradition: Maya Huipils in the Field Museum Collections. By J. Claire Odland. 2006. 67 pages. Publication No. 1538.

Fieldiana: Zoology

No. 106. The Mammals and Birds of Camiguin Island, Philippines, A Distinctive Center of Biodiversity. By Lawrence R. Heaney. 2006. 80 pages. Publication No. 1537.

No. 107. Comparative Review of Fascicularis—Group Species of Macaques (Primates: *Macaca*). By Jack Fooden. 2006. 43 pages. Publication No. 1539.

No. 108. The Palatal Dentition in Squamate Reptiles: Morphology, Development, Attachment, and Replacement. By D. Luke Mahler and Maureen Kearney. 2006. 61 pages. Publication No. 1540.

No. 109. A Collection of Amphibians and Reptiles from the Cardamom Mountains, Southwestern Cambodia. By Bryan L. Stuart and David A. Emmett. 2006. 27 pages. Publication No. 1541.

No. 110. Mammal and Birds of the Manu Biosphere, Peru. By Bruce D. Patterson, Douglas F. Stotz, and Sergio Solari. 2006. 49 pages. Publication No. 1542.

No. 111. Three New Species of Frogs and a New Tadpole from Eastern Thailand. By Bryan L. Stuart, Robert F. Inger, Tanya Chan-Ard and Yodchaiy Chuaynkern. 2006. 19 pages. Publication No. 1543.

No. 112. The Mammals of Mt. Kitanglad Nature Park, Mindanao Island, Philippines. By Lawrence R. Heaney. 2006. 63 pages. Publication No. 1544.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

The Pritzker Laboratory for Molecular Systematics and Evolution was named in recognition of generous support from The Pritzker Foundation. The Pritzker Lab is a Field Museum multi-user core facility whose mission is the collection and analysis of genetic data. The primary activity of lab users is the collection and analysis of genetic data for inferring the evolutionary, or phylogenetic, relationships among species. This knowledge of phylogenetic relationships is fundamental to understanding organismal evolution and the origins of biological diversity. Patterns of phylogenetic relationships among species can be used to trace evolutionary changes and provide insights to the biological and geological histories of geographic regions. Another focus of lab research involves characterizing the amount of genetic variation within and among populations. These data can be used to help guide conservation efforts, and to study the processes driving evolution, such as natural selection.

The majority of the data collected in the lab are DNA sequences. The main sources of specimens are the frozen tissue collections of The Field Museum's Zoology and Botany Departments, although herbarium and traditional museum skins are also used. DNA sequence data are desirable for many reasons in evolutionary studies, but chiefly the fact that DNA sequences are composed of only four nucleotide bases, resulting in data that are, in some analytical respects, very simple. Another extremely useful property of DNA sequence data is the high level of comparability across species and across studies. Together, these properties mean that DNA sequence data can be used to investigate diverse questions at all levels in the biological hierarchy: questions about individuals, populations, species, and even phyla and kingdoms.

In addition to projects that utilize DNA sequence data, the lab hosts several ongoing projects employing fragment analysis. For example, Terminal Restriction Fragment Length Polymorphism (T-RFLP) data are being used by several mycologists to infer species diversity of fungi in soil communities, and microsatellite DNA data are being used in several projects mating system of lemon sharks, hybridization of oak species, and population structure peregrine falcons.

The majority of lab users are Field Museum curators, their graduate students from the University of Chicago and the University of Illinois at Chicago, and their postdoctoral researchers. The lab has many international visitors every year; in 2006 it welcomed scientists from China, Germany, Thailand, New Zealand, Canada, and India. Each of these visitors was trained the proper methods for collecting genetic data for their various projects. In 2006, more than 30 national and international scientists were trained to collect genetic data on a wide variety of organisms including sharks, mushrooms, coral reef fish, lichenized fungi, bivalves, birds, snakes, toucans, lice, bats, and frogs. The many areas of inquiry pursued by these researchers include coevolution of parasites and hosts, the evolution of life history traits, rates of evolutionary change, biogeography, conservation, sexual selection, speciation, and natural selection at the molecular level. More than 40 new and continuing projects used the DNA sequencing facilities in 2006.

The Pritzker Lab is a non-departmental unit of Academic Affairs supervised by a Management Committee that includes John Bates (Zoology), Thorsten Lumbsch (Botany), Shannon Hackett (Zoology), Rick Ree (Botany), and Kevin Feldheim (Pritzker Lab). It is available for use by the curators and staff members of the Museum, their collaborators and students. All users of the lab are responsible for designing, performing and financing their own lab work. For more information on specific research projects, please see the web pages of the Pritzker Lab: http://www.fmnh.org/research_collections/pritzker_lab/pritzker/index.html; or the individual pages of the Management Committee.

SCANNING ELECTRON MICROSCOPE LABORATORY

The Field Museum's two scanning electron microscopes (SEMs) are invaluable research tools for examining fine surface details of three-dimensional objects and specimens from the museum's collections. The capability of viewing objects at very low magnifications as well as high magnifications (over 100,000 times life-size) is one of the special features of our SEMs. Images obtained from the scanning electron microscope achieve higher resolution and higher magnification than those observed with light microscopy, and the SEM images also provide 300 times more depth-of-field than those obtained with conventional light microscopy.

In addition to imaging, our newest SEM, the variable pressure LEO (now Carl Zeiss) EVO 60 Scanning Electron Microscope, is equipped to analyze objects' elemental composition with the Oxford INCA 350 Energy Dispersive X-ray Microanalysis System (EDS). This SEM was installed in April 2004 and has the largest chamber available for viewing sizeable specimens and objects. The LEO/Zeiss SEM with the Oxford EDS was generously funded by an anonymous donor and is part of the Museum's Elemental Analysis Facility.

The SEM Lab also has an Amray 1810 SEM that has been upgraded with a PC that has a digital imaging capturing system. The Amray SEM is an excellent tool for very low magnification in addition to high magnification work, examination without destructive methods (e.g. uncoated specimens), and a large range of specimen movement and positioning. Specimen preparation instruments in the lab include a Denton Vacuum Desk IV Sputter Coater (new purchase in 2006) for coating non-conductive specimens with a thin layer of gold and a Balzers 030 Critical Point Dryer for drying soft tissue.

The SEM Laboratory is a multi-user research facility used by researchers and students in The Field Museum's Departments of Anthropology, Botany, Geology, and Zoology. The laboratory is managed by Betty Strack. Twenty-five curators, graduate students (mostly from the University of Chicago and the University of Illinois at Chicago), undergraduate interns, professional staff, research associates, and international visiting/collaborating scientists from Collections and Research used the SEMs in 2006. The staff, students, and collaborating scientists that had research projects include: Danny Balete, J.P. Brown, Dave Clarke, Jochen Gerber, Ian Glasspool, Lance Grande, Larry Heaney, Eric Hilton, Brian Hockaday, Michael Jorgensen, David Lentz, Greg Mueller, Link Olson, Kevin Pitz, Abigail Reft, Rebecca Rundell, Brian Sidlauskas, Petra Sierwald, Julia Sigwart, Bill Turnbull, Xochitt Vinaja, Janet Voight, Andrew Wyatt, Thomas Wesener, and William Whitehead.

Examples of recent and continuing research projects and specimens/ objects studied include:

- Anthropology conservation materials identification
- Ethnobotanical wood samples from Oaxaca, Mexico and from Guatemala
- Fungal spore morphology
- Sporangia of fossil fertile ferns
- Scale and teeth examination of fossil sturgeon
- Fossil mammal teeth
- Mammal teeth and skulls
- Fish (headstanding tetras) teeth
- Land snail shells
- Teeth of wood-boring clams
- Sensory organs on the siphons of clams
- Rove beetle morphology
- Photo atlas of millipede morphology
- Spider phylogeny

Two of the Museum's 2006 exhibitions, *Evolving Planet* and *Gregor Mendel: Planting the Seeds of Genetics*, have images from the LEO/Zeiss SEM on display.

SCHOLARSHIP COMMITTEE

The Field Museum encourages and supports the use of its collections and facilities by scholars and students from around the world. The Scholarship Committee is responsible for the review of applications and the disbursement of funds for visiting scientists, graduate fellows and undergraduate interns who wish to work with the museum's collections or collaborate with its scientists. The Scholarship Committee administers nine separate funds. These are the Robert O. Bass Visiting Scientist Fund, the Karl P. Schmidt Fund, the Thomas J. Dee Fellowship Fund, the Brown Family Graduate Fellowship Fund, the Visiting Scholar Fund, the William A. and Stella Rowley Graduate Fellowship Fund, the Lester Armour Graduate Fellowship Fund, the Women's Board "Women In Science" Graduate Fellowship Fund, and the Undergraduate Internship Fund.

During 2006 the Scholarship Committee awarded 32 scholarships, four fellowships, and six internships in all four scientific departments. Seventeen scholarships were given to exceptional students who have demonstrated a strong commitment to the study of natural history. Scientists came not only from the United States, but also from Argentina, Austria, Belgium, Brazil, Bulgaria, Canada, China, Colombia, England, Germany, India, Malaysia, Peru, Russia, Scotland, Singapore, and Taiwan.

The Scholarship Committee is currently chaired by Associate Curator Petra Sierwald (Zoology/Invertebrates). Elaine Zeiger serves as Committee Secretary.

Scholarships, Fellowships, and Internships Awarded in 2006

Lester Armour Family Graduate Fellowship (for outstanding graduate students to pursue advanced studies in one of the scientific departments at the museum): Mark Golitko, Lisa Niziolek.

Brown Family Graduate Fellowship Endowment (for University of Chicago students of superior academic merit who are citizens of the U.S. and whose work requires a Museum curator to be on his/her Ph.D. committee): John Finarelli.

Women's Board "Women In Science" Fellowship (for exceptional women Ph.D. candidates in the natural sciences): Liping Qin.

Robert O. Bass Visiting Scientists (for the support of visiting scientists): Peter Forey, Martha Graham, Boris Kataev, Tsi Ming Leong, Enid Schildkrout, Pavel Stoev.

Thomas J. Dee Fellows (for research and academic fellowships with priority given to younger, less established research workers and to graduate students): Vinicius Bertaco, Jonathan Brecko, Kevin Conway, Domenic D'Amore, Joseph DiBattista, Romina Gazis, Hsuan-ching Ho, Paul Imbun, Jason Kamilar, Guy Kirwan, Simon Loader, Hillary Maddin, Javier Maldonado, Andreas Matzke, Fiorella Mazine, Natascha Miljković, Magdalena Muchlinski.

Karl P. Schmidt Scholars (for the training of young scientists who desire to study at The Field Museum): Priyanka Agnihotri, Nelson Albuquerque, Charles Bell, Mariana Chani Posse, France Charest, Mark Hagge, Jun Liu.

Internships (work experience whereby an undergraduate or recent graduate gains hands-on training in his/her field of expertise for one or more semesters): Aranzasu Bermudez, Anna Goldman, Steven Hanson, Howard Huynh, James Lendemer, Gandhi Ponce.